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U. S. DEPARTMENT OF AGRICULTURE

# HARDY PLANTS

## *for the Home Garden*



My garden is a strange place, a mystic, ever-change place:  
Magical its treasures sun and rain have won.

—IRENE AVERY JUDSON



## W. A. TOOLE

*of Garry-nee-Dule*

### BARABOO, WISCONSIN

### SEASON 1931

# Greetings To Our Flower Loving Friends:

Throughout much of our country 1930 has been a year of extreme heat, drought, and in many places, there were the further ravages of white grubs. Gardens have suffered to a large extent even where water was available and naturally many old plant friends will be missing when spring comes. This will give the needed opportunity in many gardens, of re-arranging in a better way, the plants that are left, and adding new kinds.

It is hard for a gardener to stay down-hearted for long, because the ever-changing promises of beauty in the garden hold a fascination before one constantly.

We would like to meet all of our many friends in your own gardens and talk things over with you, but this is possible only in a very limited way.

The beautiful hills and valleys around the comfortable, homelike little city of Baraboo attract more people here for the summer vacation season each year.

Should your wanderings ever bring you anywhere near Baraboo, Mrs. Toole and I hope you will call at Garry-nee-Dule. We are making slow but steady progress developing "Nature Trail", which will interest you if your hobby is wild flowers. This fall we started a new and larger Rock Garden, also a Show Garden for Perennials, both of which we hope to get far enough along to be of interest this summer.

Visitors are always welcome. Our home and the nursery are located two miles southwest of Baraboo on Highway 12 and 13.

The demand for plants is crowded into a few brief weeks. It is often necessary to work long hours in cold, wet weather to get plants out on time. Working with perishable plants, under these conditions, mistakes are bound to occur even with the greatest precautions.

Turning to more practical questions, we sincerely try to grow and pack our plants to reach you in the best possible condition. Should we fail to do this, as sometimes happens, please let us know at once and we will try to make adjustments that are satisfactory to you.—W. A. TOOLE of Garry-nee-Dule.

## My Friendship Offer

To show my appreciation to my flower-loving friends, to those who order to the amount of **FIVE DOLLARS or over**, I make the following **SPECIAL FRIENDSHIP OFFER**:

I will **GIVE YOU ONE STRONG FIELD CLUMP OF BLEEDING HEART WITH EACH ORDER FOR PLANTS OR SEEDS AMOUNT-ING TO \$5 or over.**

This applies to all Collections or your own selections from my regular list, without exception. If you have already purchased some Bleeding Heart, and would prefer some other plants, you may make your own selection of any TWO plants listed at 25 cents each. BE SURE TO SPECIFY FRIENDSHIP OFFER ON YOUR ORDER.

For each additional five dollars worth you may include an extra fifty cents worth of plants or seeds. This offer applies, however, only when CASH accompanies order.

Again wishing an interesting and happy Garden Year to my many friends, new and old.—W. A. TOOLE, Garry-nee-Dule, Baraboo, Wisconsin.



# The Hardy Garden

## THIS CATALOG

A steadily increasing business has made additional pages necessary in this catalog. Several more varieties of Hardy Perennials have been added to the Garden Perennial Section as well as additions to the Rock Garden and Wild Flower Sections. It is difficult at times to make arbitrary differences between the different classes. We would welcome your opinions as to whether it is better to divide the hardy plants into different sections or whether to list them all together in alphabetical order.

A steadily increasing Landscape and Garden planting business has made it seem desirable to add Evergreens, Shrubs and some selected varieties of Roses to our list. Water Lilies are also an added item of interest.

The Baraboo region is noted for its wide variety of interesting rock formations. If you are in need of something striking in this line, turn to page 24 for a brief description of some kinds we can supply.

It has been nearly half a century since Wm. Toole, Sr., sent out his first catalog and there has always been one ideal before us, that is, to send out seeds, plants or bulbs that will be both a pleasure and a profit to our customer friends. Should we fail in this, please let us know.

## GROWING HINTS

### PREPARING THE SOIL FOR PLANTING PERENNIALS

All plants have some certain preferences as to soil, shade and drainage, when growing wild, but practically all of them do well in our gardens in almost any soil if they have enough fertility and moisture. So, before you plant your garden, be sure the soil is well prepared and that it has been made rich and fertile. An inch or two of black dirt on top of filled-in soil from cellar excavations is not enough. Be sure that plenty of well-rotted manure is worked into the soil, or, if that is not available, make judicious use of commercial fertilizer.

Keep soil about plants well watered to preserve moisture. During a severe dry spell, soak plants thoroughly, and as soon as ground is dry enough, stir the surface. Superficial surface sprinkling is worse than no water at all. I shall be glad to have you write me about any special problems you may have and will gladly answer your inquiries.

## A FEW POINTS ON WINTERING PERENNIALS

A great many Perennials are quite hardy as far as cold is concerned, but do not take kindly to a covering of ice which excludes air during the winter, so when planting and preparing for your garden, make provision so that surface water will have a chance to run off. Do not let your winter protection cut off all air. Unless coarse litter is used, it is better to cover plants first with brush. Do this after the ground is well frozen, and do not remove covering until alternate freezing and thawing has ceased in the spring.

## TERMS

### HOW TO ORDER

May I hope you will read carefully these suggestions on HOW TO ORDER before you send for some of our mutual favorites.

ORDER EARLY—WRITE PLAINLY; give me FULL DIRECTIONS; use the ORDER SHEET enclosed in this catalog for your convenience as well as mine.

PRICES: Please note that prices include careful packing, labeling the different varieties, and a guarantee of safe delivery.

PRICES QUOTED ARE F. O. B. BARABOO. Small shipments will be made by PARCEL POST, postage billed to customer. Larger orders will be shipped EXPRESS. Those who wish to pay parcel post charges in advance, may include 10 percent with their order. This will save your time and ours.

## MY GUARANTEE

I guarantee that any plants or seeds I sell will reach you in good growing condition. If they do not arrive in satisfactory condition, or should there be mistakes or shortages in your order let me know at once and new plants will be sent or money refunded, as you prefer.

I do not guarantee the hardiness or growth of any variety of seeds or plants other than as above, nor will I be liable for a greater sum than the original cost of the plants or seeds.

—W. A. TOOLE.



A Garden Path of Perennials

INDEX ON THE INSIDE  
BACK COVER.

# Toole's Hardy Perennials

## ACHILLEA

**PTARMICA. PERRY'S DOUBLE WHITE.** Clusters of double white flowers. An excellent flower for cutting, very hardy. Flowers from June to



## ANEMONE

September. Useful in the perennial border and attractive in the larger rock garden or bordering a pool. 12-18 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**MILLEFOLIUM ROSEUM** (Rosy Milfoil)—Dense flat heads of old rose flowers on stems 18-24 inches long. The new flowers are a bright rose but fade with age and should be trimmed off before becoming unsightly. Flowers most of the summer. Does well in dry situations. Each 25c; 3 for 65c; \$2.50 per dozen.

## ACONITUM (Aconite)

Aconites prefer a heavy soil and do well in partly shaded situations.

**AUTUMNALE**—A variety from North China, flowering in September with pale blue or purple flowers. Each 35c; 3 for 95c; \$3.50 per dozen.

**SPARKS VARIETY**—Very dark blue flowers on slender stems in June. 30 inches. 35c each; 3 for 95c; \$3.50 per dozen.

## AGROSTEMMA

**CORONARIA** (Mullein Pink)—Silvery foliage and bright rosy-crimson flowers in June and July. 2½-3 ft. Biennial in this climate. Each 25c; 3 for 65c; \$2.50 per dozen.

## ANCHUSA

**ITALICA DROPMORE VARIETY** (Italian Bugloss)—Planted in masses in hardy border, this deep blue Anchusa is very striking. Individually it seems a little coarse and weedy. Valuable because it is the first tall blue flower in the hardy border. Not always reliably hardy here over winter. Late May and early June. 3-5 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

## ANEMONE

**JAPONICA** (Japanese Anemone)—While somewhat lacking in hardiness in our severe climate, they will winter over safely if in a protected place and if given a heavy covering of leaves or straw. Valuable because they flower late, from August to

frost. They succeed in any good garden soil. Strong plants from three inch pots.

—**ALBA**—Large snowy white.

—**ALICE**—This is on the style of the variety Queen Charlotte, the flowers when first opening have the form of a rose; as they expand the silvery rose shell-like petals become suffused with fresh carmine.

—**PRINCE HENRY**—Very free flowering double rich deep pink.

—**QUEEN CHARLOTTE**—Very large semi-double flowers of a delicate La France pink.

—**RICHARD AHRENDS**—Large single shell-pink flowers. Very fine.

—**RUBRA**—Grows only 15 to 18 inches high, semi-double rose red flowers; very free.

—**WHIRLWIND**—Large semi-double white.

25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

One each seven varieties, \$1.50.

**HUPEHENSI**—Much like Anemone Japonica but smaller. 18-24 inches. Mauve rose. August to frost. Each 30c; 3 for 80c; \$3.00 per dozen.

## ANTHEMIS (Golden Marguerite)

**TINCTORIA KELWAYI**—Yellow daisylike flowers from late June through the summer. Does well under very sunny, dry conditions. 15-24 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

## AQUILEGIA (Columbine)

**LONG SPURRED HYBRIDS** (Mrs. Scott Elliott Strain)—Pink and white, pink and yellow, blue and white, cream and blue, shaded and tints of purple and red and orange, in the greatest variety. Late May, early June. 18-30 inches. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.

**CANADENSIS** (American Columbine)—A native here on the edges and in crevices of our quartzite cliffs, where the red and yellow flowers appear to the best advantage in late May or early June. Grows obese and less attractive in rich soil of the border but appears to fine advantage topping a rockery in rather poor soil. 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**CHRYSANTHA** (Golden Columbine)—The long spurred golden flowers, appearing later than other varieties and flowering longer. Tall, long lived. June. 24-36 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**COERULEA** (Rocky Mountain Columbine)—In most gardens appears to be only biennial but should last longer if given a medium acid soil and partial shade. The long spurred blue and white flowers are very beautiful. June. 12-20 inches. 35c each; 3 for 95c; \$3.50 per dozen.

**NIVEA** (White Columbine)—A short spurred white variety flowering in June. 18-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**SKINNERII** (Mexican Columbine)—A variety from the mountains of New Mexico, with long red spurs and greenish orange flowers. Likes a light soil in the sunny border. July. 1-2 ft. 25c each; 3 for 65c; \$2.50 per dozen.

## ARTEMESIA

**ABROTANUM** (Old Man, or Southernwood)—Greyish, finely cut foliage. Flowers inconspicuous. No old-fashioned bouquet from grandmother's garden was thought complete without a branch of its fragrant leaves. Shrubby in character and sometimes used for a low hedge. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**ARTEMESIA** (Continued)

**LACTIFLORA** (White Mugwort)—Masses of buckwheat scented small creamy white flowers in August and September. Beautiful in the border and most useful to cut and mix with larger flowers. Not always hardy here but easily lifted and stored in a cellar. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**SILVER KING**—Valuable for the silvery effect of the foliage, especially when combined with plants or cut flowers of a delicate shade. The branches may be cut and used fresh with cut flowers or dried and used with fresh flowers during the winter. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**ASTER (Michaelmas Daisy)**

**ACRIS**—This attractive variety forms a mass of medium-sized light blue flowers in September. Foliage which is fine and dense is attractive during the earlier part of the season. 20-30 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**CLIMAX**—The large light blue flowers with yellow center are very attractive in the border in September and it also makes a very desirable cut flower. If divided in the spring and cut back a little to force a branching habit, these plants may be potted in the fall for porch or house decoration and will last a surprising length of time. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**MAUVE CUSHION**—A low-growing cushion-like aster rarely exceeding nine inches in height but spreading to two feet in diameter. Mauve flowers, nearly white, in profusion in late September and October. Each 25c; 3 for 65c; \$2.50 per dozen.

**NOVAE ANGLIAE** (New England Aster)—The deep purple form of this variety seems to be the common type of this around here. My father was much interested in this particular species and gathered together many variable forms which were allowed to cross, naturally bringing further variations so that our stock of this species now shows a wonderful range of color from nearly white through pink and lavender to rose, light blue to purple and deep rose or red. R. S. Sturtevant suggests using the various colors as background for Iris plantings. Bend forward and stake down some of the stalks among the Iris after the flowering season of the Iris. This fills in the space vacated by the Iris, and adds much to the display made by the Asters. Mixed colors. 4-6 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**ORIGINATIONS OF WM. TOOLE, SR.**—Among our native Asters none are more lovely than the beautiful Aster Novae Angliae. The type is a rich deep purple, but there is considerable tendency to vary. This was one of the plants with which my father loved to work and a few years ago we selected from his seedlings a few varieties that were most distinct and pleasing. Here are the five kinds selected:

**SPARKLING SPRAY**—White tinted with pink.  
**MRS. WM. TOOLE, SR.**—Bright red.

**BARABOO BEAUTY**—White, tinted with rose.

**MRS. ALFRED RICH**—Deep rose.

**PURPLE PRIDE**—Rich blue purple.

Any variety of the above. Each, 50c; \$5.00 per dozen. One each of the five kinds, \$2.00.

**ASTILBE**

**JAPONICA**—This is one of the few attractive perennials that thrive in moderate shade. Perfectly hardy. Large plump heads of white or

pink flowers in June or early July. 12-30 inches. Prices on either pink or white 50c each; 3 for \$1.25.

**BAPTISIA**

**AUSTRALIS** (Wild Indigo)—An upright growing plant with attractive foliage all summer. Very hardy. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

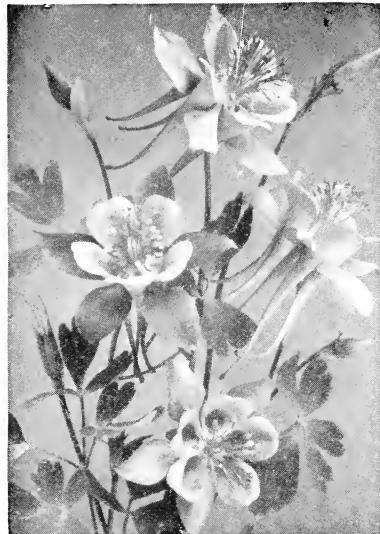
**BELAMCANDA (See Pardanthus)****BOCCONIA**

**CORDATA** (Plumepoppy)—A really good plant for the back of the border that should be planted more. Established plants reach a height of six feet or more with large scalloped leaves giving an effect of elegance. The creamy-white flowers are borne on panicles above the leaves, followed by the equally ornamental buff-colored seed vessels. Excellent as a cut flower also, especially for larger decorative effects. July-August. Each 25c; 3 for 65c; \$2.50 per dozen.

**BOLTONIA**

**ASTEROIDES**—This beautiful plant flowers about the same time as Wild Asters and looks very much like them. In September a mass of it in bloom looks like a snowbank. To keep the Boltonia in good condition, clumps should be divided and reset every spring or at least every other year. Color white, 5-6 ft. Divisions. Each 25c; 3 for 65c; \$2.50 per dozen.

**LATISQUAMA**—The growth of this species is a little more upright than Asteroides and the flowers are slightly larger. The color is lavender-pink, about the shade of an America Gladiolus.

**AQUILEGIA**

It will stand up as a cut flower better than Asteroides, and is quite useful for cutting on some occasions. As a border plant, it gives beautiful variety. 3-5 ft. Sept.-Oct. Divisions. Each 25c; 3 for 65c; \$2.50 per dozen.

**BUDLEIA (Summer Lilac)**

**VARIABILIS MAGNIFICA** (Orange Eye Butterlybush)—Lilac colored panicles 4 to 6 inches

long. Blossoms from July to Sept. Really a shrub in character. Small plants from pots. 25c each; 3 for 65c; \$2.50 per dozen. Year old plants, 50c each; 3 for \$1.25.



BOLTONIA

**PERSICAEFOLIA** (Peach Bell)—The waxy flowers of this variety are most valuable for cutting as well as attractive in the border. One of the most beautiful of perennials. Hardy but needs dividing every year or two to keep its strength. June. Blue or white. 18-30 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**PERSICAEFOLIA TELHAM BEAUTY** — A large flowered blue improved variety of the Peach Bells that is very fine. Each 35c; 3 for 95c; \$3.50 per dozen.

### CENTAUREA

**DEALBATA** (Persian Centaurea)—Rose colored flowers. 24-30 inches. June and July. 25c each; 3 for 65c; \$2.50 per dozen.

**MACROCEPHALA** (Golden Powder Puff)—Big heads of fluffy yellow flowers in July. Plants 4-5 feet. The brown globe-shaped buds are as ornamental as the flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**MONTANA** (Mountain Bluet)—Much like the Blue Bachelor Button, but the flower stems are heavier. 24-30 inches. May and June. 25c each; 3 for 65c; \$2.50 per dozen.

### CLEMATIS

**RECTA**—Clusters of fragrant white flowers in June and July. Flowers like the climbing Clematis paniculata. 2-3 ft. Each 50c; 3 for \$1.25.

**DAVIDIANA**—Tubular bell-shaped flowers of deep lavender blue in late summer, fragrant. 2 feet. Each 50c; 3 for \$1.25.

### CONVALLARIA

**MAJALIS** (Lily of the Valley)—Everybody's favorite. Easy to grow. Loves a partly shaded location. Clumps of 4 or 5 "pips" or buds. 25c each; 3 for 65c; \$2.50 per dozen.

### COREOPSIS

**LANCEOLATA** (Tickseed)—A graceful, clear yellow daisy-like flower, valuable for cutting or the hardy border. If not allowed to develop seeds, it will flower freely from June through most of the summer. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.

### HARDY CHRYSANTHEMUMS

Hardy Chrysanthemums are very satisfactory in the protected border if the season is long enough to permit flowering before winter weather starts in. Better results will be obtained if the old plants are divided and reset each spring. Plants supplied are from 2½ inch pots and only in the spring. Price, any variety, 25c each; 3 for 65c; \$2.50 per dozen. Large flowered kind.

**ANGEL**—Pink.

**AUTUMN GLOW**—Light pink.

**JULIA MILLER**—Bronze.

**JAPANESE YELLOW**—Very good early.

**GOLDEN QUEEN**—Yellow.

**HOMESTEAD**—Pink.

**OCONTO**—White.

**QUAKER MAID**—Pink.

### BUTTON

**NELLIE RAINSFORD**—Light Pink.

**INEZ**—Scarlet, bronze and rose.

**GOLDEN WEST**—Yellow.

**PINK DOTY**.

**WHITE DOTY**.

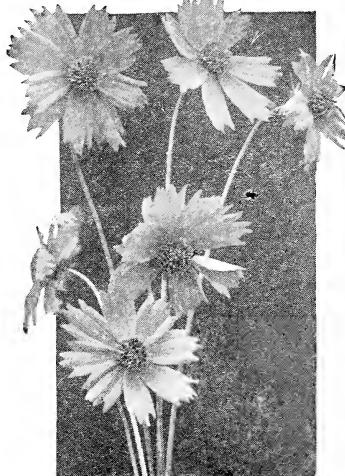
**EARLY YELLOW**.

### CHRYSANTHEMUM (Daisy)

Did you ever tell your fortune with a daisy? "He loves me, He loves me not!" And do you remember the old songs of thirty years or so ago, "Daisies Won't Tell"? Perhaps some landowner with his sparse-yielding pasture filled with Ox-Eye Daisies doesn't appreciate their beauty, but the poet, and the flower-lover and the artist all love the daisy.

**"ALASKA" SHASTA DAISY**—The fame of Burbank has made this large-flowered daisy well known. Long white petals and moderate size yellow disk, or center. 25c each; 3 for 65c; \$2.50 per dozen.

**COREANUM** (Korean Daisy)—A white daisy, faintly flushed with pink, the last daisy to flower in the garden. The fresh, clean looking flowers are very welcome after several frosts have destroyed most of the beauty of the garden. October. 18-24 inches. New 35c each; 3 for 95c; \$3.50 per doz.



COREOPSIS

**LEUCANTHEMUM, or MEMORIAL DAISY**—A very hardy early-flowering daisy. While the flower is not so large as the later flowering varieties, its earliness (flowering here about Memorial Day), makes it a desirable variety. Good

long stems for cutting. 15-20 inches, white. Late May and June. 25c each; 3 for 65c; \$2.50 per dozen.

**MAXIMUM KING EDWARD VII** (Moonpenny Daisy)—A large white daisy, flowering in July on stiff erect stems. 24-30 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**ULIGINOSUM** (Giant Daisy)—Probably better known as Pyrethrum uliginosum. Upright growing plant. 4-5 feet tall. Covered in September with medium sized daisies. Very useful as a background in the border. 25c each; 3 for 65c; \$2.50 per dozen.

## Garry-nee-Dule Delphiniums

When the spring flower season opens, we are eager to see the first flowers of each succeeding variety, for these old friends are all most welcome, but I look forward with special pleasure to seeing the Delphiniums.

Out of the thousands we grow, a few of the first are often a disappointment, but later plants unfold their flowers in a multitude of shades and color combinations and types of flower heads.

No two plants of Hybrid Delphiniums seem exactly alike.

The beauty and variety of coloring in the individual flowers makes them most attractive at close range while the impressive stateliness of the plants makes the Delphinium the most important plant of the hardy garden during its season.

**BELLADONNA** (Everblooming Larkspur) — If supplied with plenty of moisture, Delphinium Belladonna often flowers three times during the summer, provided the old growth is cut away when the flowers have withered. Because of the looser arrangement of the flowers on the stalk, this variety is more used for cut flower purposes than any other. Beautiful sky blue. 30-40 inches. June to frost. 25c each; 3 for 65c; \$2.50 per dozen.

**BELLAMOSUM**—There is also a dark blue type of Belladonna known as "Bellamsum", which is identical with the light blue except as to color. 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**BLACKMORE AND LANGDON**—Large flowered, English Hybrids, with single and semi-double flowers. Clear attractive colors ranging from light blue or lavender to deep purple, many with contrasting petals of light mauve or plum. I think these are the most attractive of the English Hybrids. Mixed colors, 50c each; \$5.00 per dozen; \$35.00 per 100.

**GARRY-NEE-DULE HYBRIDS**—Wonderfully beautiful flowers ranging from lightly tinted lavender through many shades of blue to deep purple. Some are bi-colored with tints of mauve and plum as well as blue. Some have white centers and some have black or brown "Bees" in the center. A dozen of these plants will give a fascinating variety of colors and forms. Price 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**GARRY-NEE-DULE WHITE HYBRIDS**—A tall growing white hybrid Delphinium, with single flowers. 50c each; \$5.00 per dozen.

**"SUMMER CLOUD" WHITE DELPHINIUMS**—Strong growing plants with large single white flowers. The flowers of "Summer Cloud" are at least 1 1-2 inches across. 75c each; \$7.50 per dozen.

### WREXHAM OR HOLLYHOCK FLOWERED—

We have a few hundred plants of mixed Wrexham Delphiniums. Many of these are wonderful in the size of flower and color markings, some of course are not so large, but all are very beautiful. Our own experience is that any of the English Hybrids lack somewhat in hardiness in our climate. Mixed colors, 50c each; \$5.00 per dozen; \$35.00 per 100.

### "BABY" DELPHIN- IUMS

These are young plants, started from seed in the greenhouse during the winter and potted into 2 1-2 in. pots. While the plants are small they are nevertheless in good growing condition and with reasonable care will flower the first summer in August or Sept. Many people are more successful with the small plants than with the large clumps. Prices — Belladonna, Bellamsum and our Garry-nee-Dule Blue Hybrids, 3 for 40c; \$1.50 dozen; \$10 per 100. Summer Cloud White Hybrids, Wrexham Hybrids, and Blackmore and Langdon, 3 for 50c; \$2 per dozen; \$12 per 100.

### DIANTHUS

For other Dianthus see Rock Garden Section.

**BARBATUS** (Sweet William) — This easily grown old favorite of grandmother's garden offers such a glorious display of varied color it deserves a place in every summer garden. June. 12-18 inches. 3 for 65c; \$2.50 per dozen.

**LATIFOLIUS ATROCOCCINEUS** (Everblooming Sweet William)—Heads of crimson flowers for a long period during the summer. Each 25c; 3 for 65c; \$2.50 per dozen.

**NAPOLEON III**—I am not sure if this plant is correctly named. Our original stock was given us by a farmer-neighbor, who, like many others, has used it both as a house plant and a hardy perennial. Double crimson flowers always in bloom. 12-15 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**PLUMARIUS** (Hardy Garden Pink or Clove Pink)—Beautiful clove-scented blossoms. Useful for cutting and for bright spot in garden. June. Mixed colors, double and single. 25c each; 3 for 65c; \$2.50 per dozen.



DELPHINIUMS

**DICENTRA**

**SPECTABILIS** (Bleeding Heart)—Graceful arching spikes of pink heart-shaped flowers in May. 18-30 inches. Foliage ripens off early in summer. Field clumps, 65c each; 3 for \$1.75. "Baby" plants that will flower first year, 25c each; 3 for 65c; \$2.50 per dozen.

**EXIMIA** (Fringed Bleeding Heart)—See Rock Garden Section.

**DIGITALIS****FOXGLOVE**

the Dandelion. For the border or the larger rock garden. Must have the best of drainage around the crown to winter well. 12-24 inches. May-June. Each 35c; 3 for 95c; \$3.50 per dozen.

**DRACOCEPHALUM**

**RUYSCHIANA** (Siberian Dragon Head)—A hardy blue flowered perennial, flowering in June. Bushy, free flowering. 12-18 inches high. 35c each; 3 for 95c; \$3.50 per dozen.

**ECHINOPS**

**RITRO** (Globe Thistle)—Round ball-shaped steel blue flower heads that may be dried for winter. Coarse thistle-like leaves. 2-3 ft. July and August. 25c each; 3 for 65c; \$2.50 per dozen.

**ERYNGIUM**

**AMETHYSTINUM** (Sea Holly)—Flowers and stems are a steel-blue color, with prickly holly-like leaves on the lower flower stems. Effective in the border and can be cut and dried for winter use. 20-30 inches. July and August. 25c each; 3 for 65c; \$2.50 per dozen.

**FILIPENDULA**

**HEXAPETALA**—Graceful fernlike foliage and creamy white flowers on stems 12-18 inches tall. Effective in the rock garden and in the border. Each 35c; 3 for 95c; \$3.50 per dozen.

**PURPUREA** (Meadow Sweet—Queen of the Prairie)—Also often listed as Spiraea. Large panicles of deep pink flowers in June and July. Does well in the open perennial border, but thrives best in a moist spot. Grows also in partial shade. 2-4 ft. Each 50c; 3 for \$1.25.

**ULMARIA** (Queen of the Meadow)—Double creamy white flowers in July and August. 2-3 ft. Each 35c; 3 for 95c; \$3.50 per dozen.

**FUNKIA** (Plantainlily)

**COERULEA**—Broad green leaves, blue or purple flowers in June. All Funkias are good for sun or shade. 35c each; 3 for 95c.

**LANCEOLATA**—Lilac flowers in September. Also for the shaded rock garden. 12-18 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**GAILLARDIA**

**GRANDIFLORA** (Blanket Flower)—One of the most desirable of the hardy plants, as it is one of the few perennials that flower all summer. Flowers in different combinations of yellow, orange, maroon and red. Invaluable for cutting. As a bedding plant also good, and showy. Each 25c; 3 for 65c; \$2.50 per dozen.

**GYPSOPHILA** (Baby's Breath)

**PANICULATA** (Single)—Tiny white flowers giving a mist-like effect. Is very useful in summer-time to use with other cut flowers, and may be dried for winter bouquets. July. 24-30 inches. 25c each; 3 for 65c; \$2.50 dozen.

**BRISTOL FAIRY**

The flowers of Bristol Fairy, Double Baby's Breath, are larger than the old variety, but best of all is its long blooming season, as it keeps a steady succession of lacy-white flowers from June to early September. Attractive in the garden and most useful in cut flower arrangements in combination with larger flowers. Small grafted plants. 50c each; 3 for \$1.25; one year old plants, \$1 each; 3 for \$2.50.

**REPENS**—See Rock Garden Section.

**HELENIUM****AUTUMNALE**

**RUBRUM**—A very striking fall flowering perennial 4 to 5 feet high in good soil. Flowers deep bronze red in September. Each 25c; 3 for 65c; \$2.50 per dozen.

**GAILLARDIA**

## HELIOPSIS

**PITCHERIANA** (Orange Sunflower)—Yellow daisylike flowers on stiff stems. For back of border and good for cutting 3-5 ft. July-August. 25c each; 3 for 65c; \$2.50 per dozen.

## HEMEROCALLIS (Yellow Day Lily)

**FLAVA** (Lemon Lily)—Sweet scented clear yellow. The Day Lily that is most satisfactory as a cut flower. 2 1-2 feet. 30c each; 3 for 80c; \$3.00 per dozen.

**FULVA** (Orange Lily)—Copper orange. 3 ft. July. 25c each; 3 for 65c; \$2.50 per dozen.

**GOLD DUST**—Bright yellow, buds and reverse petals bronze. 2 1-2 ft. June. 30c each; 3 for 80c; \$3.00 per dozen.

**KWANSO FL.** PL.—Double orange flowers with dark shadings. 4 ft. July and August. 25c each; 3 for 65c; \$2.50 per dozen.

**THUNBERGII**—Lemon yellow flowers. Flowers freely during July. 4 ft. 30c each; 3 for 80c; \$3 per dozen.

## BETSCHER'S HYBRID HEMEROCALLIS

For two years we have tried out a number of new Hybrid Hemerocallis originated by C. Betscher. We have found them very fine and an improvement in both size and coloring over the old types.

**GOLDENI**—A large clear yellow.

**GYPSY**—Somewhat dwarf, orange colored flowers.

**MRS. W. H. WYMAN**—A large yellow with a golden tint.

**J. A. CRAWFORD**—Very large yellow flowers.

**LEMONA**—Large lemon yellow.

**THE GEM**—A stocky growing yellow variety.

**DONALD WYMAN**—More distinctly red than H. fulva.

Prices: Strong divisions as long as my supply lasts. \$1.00 each.

## HOLLYHOCKS

Tall growing plants for the back of the perennial border, too well known to need description. 5-7 ft. July. Many colors. Double, mixed colors or crimson, pink salmon, rose, yellow or white separate. Each 20c; 3 for 50c; \$2 per dozen; \$12 per 100. Single mixed, each 20c.

## INCARVILLEA

**DELAVAYI** (Hardy Gloxinia)—Large rose-pink gloxinia-like flowers with yellow throats. June and July. 18 inches. 35c each; 3 for 95c; \$3.50 per dozen.

## ISATIS

**GLAUCA**—Large panicles of yellow flowers. 2-4 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

## LATHYRUS

**LATIFOLIUS** (Perennial Pea)—Easily grown, will do well in shade. 6 ft. Flowers in July and August. A vine-like plant. Useful in very large rockeries or in border if given something to climb over. 25c each; 3 for 65c; \$2.50 per dozen.

## LAVATERA

**THURINGIA**—Pink flowered perennial, hardy, discovered by Professor Hansen in Siberia. Has much the same appearance and style of growth of the annual Lavatera, resembles a small single pink Hollyhock of bushy growth. New. 3-5 ft. Pink. July-August. Each 35c; 3 for 95c; \$3.50 per dozen.



Hemerocallis Is Very Showy in Full Bloom

## LINUM

**PERENNE** (Flax)—During late spring and early summer a group of these will be a mass of blue in the morning, the flowers dropping about ten o'clock, revealing the beautiful foliage, to be followed by another mass of blue the next morning. For the border or larger Rock Garden. June-August. 18-24 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**NARBONNENSE**—More spreading and more dwarf than Perenne. Azure blue flowers with white eye. For rock garden or border. Each 25c; 3 for 65c; \$2.50 per dozen.

## LYSIMACHIA (Loosestrife)

**CLETHROIDES**—Long spikes of white flowers slightly drooping at the tips. For cut flowers or hardy border. 2-3 ft. July-August. Each 35c; 3 for 95c; \$3.50 per dozen.

**FRAZERI**—Yellow flowers in July. Slender growth, 2-3 ft. Each 35c; 3 for 95c; \$3.50 per dozen.

**PUNCTATA**—Spikes of yellow flowers in June when the hardy border is often lacking in color. 2-4 ft. Each 35c; 3 for 95c; \$3.50 per dozen.

# Irises

The Iris is one of the indispensable flowers in the hardy garden with its attractive foliage, and wealth of flowers in a wide range of colors and tints. Irises in their various types and species are useful in many ways. The bearded varieties, besides their place in the hardy garden or border, are very effective as a border to walks and drives, while the dwarf kinds find their place in the rock garden. The graceful foliage of the siberica varieties seems to fit them specially for waterside planting. Iris pseudacorus and our native versicolor both do well in wet places, even in shallow water. Japanese Iris are of somewhat uncertain hardiness here though some lack of success may be due to not providing acid soil.

The following varieties we have found to be well worth growing in the hardy garden. If you are uncertain about what to select, try one of our Special Iris Gardens which provide a satisfactory variety at a low price.

## GARRY-NEE-DULE IRIS GARDEN

One each of the following choice varieties for \$3.50. A selection fit for any garden.

Ambassadeur	Princess Beatrice
Georgia	Prosper Laugier
Lent A. Williamson	Seminole
Morning Splendor	Shekinah
Mother of Pearl	Steepway

## BARABOO IRIS GARDEN

One each of 10 popular varieties for \$1.75.

Aurea	Quaker Lady
Caprice	Rhein Nixie
Gertrude	Sherwin Wright
Loreley	Taffeta
Mrs. Alan Gray	Wyomissing

## IRIS

S. is for standards or upright petals. F. for falls or lower petals.

**AMBASSADEUR**—S. smoky purple, F. velvety purple-maroon. Beards yellow. Each 50c; 3 for \$1.00.

**AUREA**—A good clear yellow self. Each 25c; 3 for 50c.

**BELLADONNA**—A very early plicata white with blue markings. Each 25c; 3 for 50c.

**CAPRICE**—S. rosy-red, F. deeper shading towards white at center. Each 25c; 3 for 50c.

**DR. BERNICE**—An old variety with smoky yellow standards and bronzy maroon falls. Each 25c; 3 for 50c.

**GEORGIA**—Bright rose with orange beard. Each 50c; 3 for \$1.00.

**GERTRUDE**—A good deep blue or purple, self-colored Iris, flowering with the Sherwin Wright. Each 25c; 3 for 50c.

**LENT WILLIAMSON**—S. broad, soft lavender violet, F. very large, velvety lavender purple. Each 50c; 3 for \$1.25.

**LORELEY**—S. light yellow, F. violet purple edged yellow. Each 25c; 3 for 50c.

**MAD. CHEREAU**—An old variety but cherished in many gardens. White with a feathered edge of blue. Each 25c; 3 for 50c.

**MARY GARDEN**—S. and F. pale yellow flushed and speckled with maroon. Each 25c; 3 for 50c.

**MORNING SPLENDOR**—S. petunia violet, F. velvety raisin purple. Each \$1.00.

**MOTHER OF PEARL**—S. and F. bluish lavender with a faint creamy undertone. Each 50c; 3 for \$1.00.

**MRS. ALAN GRAY**—Early free flowering variety with soft pinkish lilac coloring. Good for mass planting. Each 25c; 3 for 50c.

**MRS. NEUBRONNER**—S. and F. light yellow. Each 25c; 3 for 50c.

**ODORATISSIMA**—A clear self-colored lilac purple, sweet scented. Each 25c; 3 for 50c.

**PARC DE NEUILLY**—A large self-colored dark purple. Each 25c; 3 for 50c.

**PERFECTION**—S. blue, F. dark velvety black. Midseason. Each 25c; 3 for 50c.

**PRINCESS BEATRICE**—Sweet scented soft lavender of large size. Each 35c; 3 for 70c.

**PROSPER LAUGIER**—S. light bronze red, F. velvety ruby purple, orange beard. Each 35c; 3 for 70c.

**QUAKER LADY**—S. smoky lavender shaded yellow, F. blue and old gold with yellow markings at base. Each 25c; 3 for 50c.

**RHEIN NIXIE**—An always popular variety. S. bluish white, F. violet blue with white margin. 25c; 3 for 50c.

**SEMINOLE**—Rich velvety crimson bi-color. Each 50c; 3 for \$1.00.

**SHEKINAH**—Tall growing. Pale yellow with shading to amber in the throat. Each 50c; 3 for \$1.00.

**SHERWIN WRIGHT**—Free flowering bright yellow. Hardy and good for mass effect. Each 25c; 3 for 50c; \$1.75 per dozen.

**STORM CLOUD**—S. slaty gray; F. bronze and purple. Large flowers. Each 25c; 3 for 50c.

**STEEPWAY**—A smooth, red tinted flower with reflections of peacock blue, apricot and green. A very beautiful Iris. Each 50c; 3 for \$1.00.

**WYOMISSING**—S. creamy white, suffused with rose. F. rose base shading to flesh colored border. Each 25c; 3 for 50c

## OTHER IRIS

**A. W. TAIT**—Luxuriant foliage, pale blue flowers late in June. 25c each; \$2.50 per dozen.

**PSEUDO-ACORUS** (Yellow Water Iris)—Has bright yellow flowers. 3 ft. 25c each; \$2 per dozen.

**SIBERICA ALBA** (Snow Queen)—Ivory white. 25c each; \$2 per dozen.

**SIBERICA ORIENTALIS**—A brilliant blue. 15c each; \$1.50 per dozen.

**VERSICOLOR**—Violet blue flowers. This and the preceding varieties are the only Irises that may be safely planted where water stands most of the time. 20c each; \$2 per dozen.

**DWARF IRIS**—See Rock Garden Section.

**JAPANESE IRIS**—Mixed seedlings in a wide variety of colors. Each 25c; 3 for 50c; \$2 per doz.

## MIXED IRIS

To those who want a few Irises for mass planting but do not care for varieties, we offer a **VERY FINE MIXTURE AT SIX FOR 40c; 75c PER DOZEN; \$5 PER 100**. Not less than six sold at this price.

**IRISES**, by F. F. Rockwell. A handy guide which will bring success with Irises and show new uses and effects possible in your garden. 54 illustrations, 80 pages. \$1.00.

# Garry-nee-Dule Hardy Lilies

There is an increasing interest in Lilies as their variety and beauty become better known. A few, such as the old Tiger Lily, and *L. elegans* and *L. umbellatum* are very hardy and easily grown. Others need varying amounts of special attention and protection over winter. If you lack experience, it would be well to read up on the culture of the different varieties before ordering heavily.

Size of bulb refers to CIRCUMFERENCE, not to diameter.

The varieties of *Candidum* and *Tenuifolium* should be planted with the top of the bulb not much below the surface; the other kinds to a depth of at least three times the diameter of the bulb. All kinds need good drainage around the bulb and will be helped if planted on a bed of a quart or two of sand or gravel to each bulb.

Some of these varieties arrive from Japan, where they are grown, so late in the autumn that we find it necessary to hold the orders over in our storage cellar for spring shipment.

**AURATUM** (Gold Banded Lily)—Flowers are white, dotted crimson, with a gold stripe down the center of each petal. Fragrant. These bulbs often arrive too late for fall planting, in which case we ship them in the spring. 35c each; \$3.50 per dozen.

**BATEMANNIAE**—Late July and August. Pale orange, red or apricot, sometimes tinged with pink, anthers red. Easily grown. Hardy. 2-4 ft. Bulbs, 50c each.

**CANDIDUM** (Madonna Lily)—Clear waxy flowers, fragrant. The bulbs should be planted in Aug. Flowers in June. Large bulbs, 50c each; \$5 per dozen.

**ELEGANS**—Flowers held erect on the stem, orange slightly spotted with purplish-black. 1-2 ft. June-July. 25c each; \$2.50 per dozen.

**HENRYI**—Flowers orange yellow slightly spotted reddish brown. Sometimes called the yellow *L. speciosum*. Tall growing. 4-8 ft. August-Sept. Strong bulbs, \$1 each.

**KRAMERI** (Japonicum)—June to early July. Pale blush to rose pink, anthers red. Fragrant. Will not stand excessive moisture. Hard to establish in open ground. 2-4 ft. Bulbs, 50c each.

**PHILADELPHICUM**—A native lily, growing in acid, sandy soil in the open or in light shade. Yellow or orange upright cup-shaped flowers. July. 3 ft. Each 25c; \$2.50 per dozen.

**REGALE** (Regal Lily)—White shading to yellow in center and tinted pink on outside. Flowers in July. Bulbs may be planted in the spring. Small bulbs, 25c each; \$2.50 per dozen; large bulbs, 50c each; \$5.00 per dozen.

**RUBELLUM**—A handsome rose-colored lily from Japan. Plant six inches deep in gravelly soil in light shade. Good for Rock Gardens. June. 12-18 inches. Each 50c; 3 for \$1.25.

**SPECIOSUM RUBRUM**—White, spotted red. Plant late in fall or spring. Bulbs, 35c each; \$3.50 per dozen.

**SPECIOSUM MELPOMENE**—Somewhat deeper in color than the above. Each 35c; \$3.50 per dozen.

**SUPERBUM** (Turkscap Lily) Our native lily of damp places. Mostly bright reddish orange spotted with brown. 3-6 feet. July. Each 25c; \$2.50 per dozen.

**TENUIFOLIUM** (Coral Lily)—Small bright scarlet flowers on slender stems. 1-2 feet high. Often used in rock gardens. June-July. 25c each; \$2.50 per dozen.

**TIGRINUM** (Tiger Lily)—The old fashioned Tiger Lily of our gardens. Orange, spotted purple. Plant spring or fall. Flowering size bulbs, 25c each; 3 for 75c.

**TIGRINUM FL. PL.** (Double Tiger Lily)—Same as above except flowers are semi-double. 30c each; 3 for 75c.

**UMBELLATUM** (Candlestick Lily)—Orange red flowers in upright umbels. Strongly resembles *L. Elegans*. Flowers in June. Plant spring or fall. 25c each; \$2.50 per dozen.

## SPECIAL LILY OFFER

One bulb each of the above varieties of Hardy Lilies, each variety labelled, for \$5.00. It may be necessary to ship some of the varieties at different seasons.

## LYTHRUM

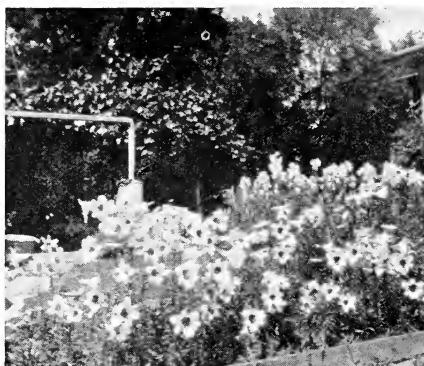
**ROSEUM** (Rose Loose-strife)—Thriving in any situation. Good for waterside planting. Spikes of rose-colored flowers in July and August. I am informed this plant will do well even in shallow water. 2-3 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

## LUPINUS

**POLYPHYLLUS** (Lupine)—Lupines seem to prefer somewhat acid soil, either in the open or light shade. They are particularly effective in mass plantings in the border, or naturalized along streams or open woodlands. They are heavy feeders, and require plenty of moisture during the flowering period. Our mixed colors are a combination of Moerheimii and Harkness strains and contain some wonderful colors of pink, rose, cream, blue and white. June-July. 2-3 ft. Mixed hybrids or separate colors of blue, white or rose. 25c each; 3 for 65c; \$2.50 per dozen.

## LYCHNIS (Campion)

**CHALCEDONICA** (Maltese Cross)—Heads of brilliant scarlet flowers that are very striking. Combined with Achillea and the Blue Delphinium, the cut stems form an ideal patriotic bouquet on July 4. Blossom in July. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.



Garden of Mrs. R. H. Williams, Baraboo

## MONARDA

**DIDYMA** (Oswego Tea)—A garden friend who loves color has used single clumps of this showy scarlet flowered plant at intervals through his border where they make brilliant splashes of color through July and August. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.

## OENOTHERA

**FRUCTICOSA** (Sundrops)—Flowers abundantly in sunny situation than June and July. Clear, bright yellow. Useful in the larger rock garden as well as the perennial border. Divide every year to keep in good condition. 12-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

## PACHYSANDRA

**TERMINALIS** (Japanese Spurge)—A plant with evergreen leathery leaves. Is much used for a ground cover especially under coniferous trees. 6-8 inches. Looks very much like our wild Pipsissewa but is easier to grow. Each 20c; 6 for \$1; \$12 per 100.

## PAPAVER (Poppy)

Poppies are not always easy to transplant so we usually send them out in the spring from 2 1-2 inch pots because potted plants move more successfully.

**NUDICAULE** (Iceland Poppy)—Biennial. Neat tufts of light green foliage from which spring the slender leafless flower stems. Start to flower very early in the spring and sometimes into summer. 1 ft. Mixed colors. Much used in rock gardens as well as the perennial border. 25c each; 3 for 65c; \$2.50 per dozen.

**ORIENTALE** (Oriental Poppy)—These are the brilliant scarlet flowers so showy in May or June. Easy to grow in any soil, when once established. Foliage dies down in August to be followed by a new growth of leaves. Plant in early spring or fall. 30-36 inches. 25c each; 3 for 65c; \$2.50 per dozen.

—**MRS. PERRY**—Like the red poppy in growth but a beautiful salmon color. 35c each; 3 for 95c; \$3.50 per dozen.

—**OLYMPIA**—A new, semi-double Oriental Poppy, scarlet in color. Potted plants in spring. 35c each; 3 for 95c; \$3.50 per dozen.

## PARDANTHUS

**CHINENSIS** (Blackberry Lily)—Lily-like orange flowers, spotted red, in July. When seed pods burst they expose the round, shining black seeds which suggest its name. 25c each; 3 for 65c; \$2.50 per dozen.

## PENTSTEMON (Beard Tongue)

**BARBATUS TORREYII**—Tall spikes of brilliant scarlet flowers that make a striking appearance in the border during June to August. Grows to a height of 3 to 4 ft. The cut flowers give a distinct and pleasing effect when used for decorative purposes. 25c each; 3 for 65c; \$2.50 per dozen.



Oriental Poppy

## WILD FLOWERS AND FERNS IN THEIR NATIVE HOMES AND IN OUR GARDENS

(Formerly *Taming the Wildlings*)  
BY HERBERT DURAND

A book of cultural information for lovers of wild flowers, wild bushes, and ferns, who desire to grow them for landscape and garden effects, or for planting in congenial retreats where they can be protected from their foes.

Illustrated with 23 color plates and 140 other illustrations, all from photographs. 410 pages, full index. \$3.65 POSTPAID.

## MY WILD FLOWER GARDEN

BY HERBERT DURAND

Mr. Durand takes a specific garden—his own—and explains just how he has formed its various enchanting features. The reader is taken through the seasons, instructed in the art of transplanting and the necessary after-care of flowers, trees, shrubs, vines, and mosses. Of particular interest is some original material on "soil acidity," supplied by Dr. E. T. Wherry and published here for the first time. The illustrations are very aptly used and serve to make graphic the delightfully compiled text. 48 illustrations and a colored frontispiece. \$3.65 Postpaid.

# Toole's Hardy Phlox

The Hardy Garden would seem bare indeed during late July, August and early September without the brilliant coloring of Hardy Phlox. Most varieties of Hardy Garden Phlox have a shallow root system and need frequent and plentiful supplies of water during the season of most rapid growth and during flowering. They are good feeders and will repay the extra expense and labor of supplying them with fertility and surface cultivation. While they thrive best in the open sunshine, they do better than most plants in light shade. When established the Phlox is quite hardy and does not need protection in our climate. Divide and reset the clumps every three years.

Red spider is the greatest enemy of Phlox. This may be kept in check by forcibly spraying under side of leaves with cold water from a hose. A thin glue may be made by dissolving a pound of glue in four or five gallons of water and this sprayed on the under side of the leaves is effective, also dusting with fine sulphur.

## FIELD GROWN PLANTS

One year old field grown plants of any of the varieties described under my "Baby" Phlox can be supplied either in spring or fall at 25c each; \$2.50 per dozen; \$15 per 100, except the varieties Elizabeth Campbell, Enchantress, or Firebrand, Deutschland and Gefion, which are 35c each; \$3.50 per dozen; \$18 per 100.

For spring planting, I strongly recommend the "Baby" plants.

## "BABY" PHLOX

We call them "Baby" Phlox to distinguish them from the older field grown plants. Our supply of "Baby" Phlox is renewed by growing from cuttings in the greenhouse during the winter and spring. For several years, we have been selling increasing quantities of these young plants to our customers, who have been so well pleased that we feel we can recommend them very highly. By this method we are able to supply you with strong, vigorous growing young plants, that are almost sure to flower the first season, at a considerable reduction in price from that charged for older plants.

**Price:** Except where noted, we can supply the following varieties from about March 20 to June 10 in "Baby" Phlox at 15c each; \$1.50 per dozen; \$10 per 100.

You may select any variety or combination of varieties you wish. We positively cannot supply "Baby" Phlox in the fall.

**BARON VON DEDEM**—A good bright scarlet.

**B. COMPTE**—Bright amaranth red.

**BEACON**—Bright crimson.

**BRIDESMAID**—Tall growing white with crimson eye.



HARDY PHLOX

**DEUTSCHLAND**—Flowers moderate in size, but the nearest to a bright scarlet of any Phlox we have seen. 20c each; 3 for 50c; \$2 per dozen.

**ECLAIREUR**—Rosy magenta, strong grower.

**ELIZABETH CAMPBELL**—Light salmon pink. A great favorite. 20c each; 3 for 50c; \$2 per dozen.

**ENCHANTRESS**—Salmon pink, deeper color and much stronger grower than E. Campbell. 20c each; 3 for 50c; \$2 per dozen.

**EUROPEA**—Large white with carmine eye.

**FIREBRAND**—A large flowered new red variety. Much admired by every visitor to our gardens. 20c each; 3 for 50c; \$2 per dozen.

**FLORA REIDY**—Best white we have seen.

**GEFION**—Peach blossom pink. 20c each; 3 for 50c; \$2 per dozen.

**JULES SANDEAU**—A light salmon pink. An old favorite.

**KOENIGSHOFER**—A strong growing large flowered scarlet.

**LA VAGUE**—Pure mauve red eye. Has very large heads.

**MIA RUY'S**—Dwarf white with very large flowers. 12 inches.

**MILLY VON HOBOKEN**—Light mauve-rose, dark eye.

**MISS LINGARD**—A very tall growing white.

**MRS. JENKINS**—A good tall, midseason white.

**RHEINLANDER**—Beautiful large soft pink with deeper eye.

**RIVERTON JEWEL**—Deep mauve with crimson center.

**R. P. STRUTHERS**—A bright rose carmine, red eye.

**RYNSTROM**—Carmine rose, without eye.

**SIEBOLD**—Orange scarlet, crimson center.

**THOR**—Deep salmon pink, red eye.

**VON HOCHBERG**—Bright crimson. A favorite.

**VON LASSBURG**—Very large pure white.

**WIDAR**—Large, lavender-blue shading to white toward center.

**W. C. EGAN**—A very large flowered Phlox of a lovely pink or mauve effect.

## "BABY" PHLOX SPECIALS

### "BABY" PHLOX OFFER NO. 1

TWO EACH OF THE FOLLOWING SEVEN LOVELY "BABY" PHLOX, 14 PLANTS IN ALL, FOR \$1.50.

TWO EACH OF BRIDESMAID, MRS. JENKINS, VON HOCHBERG, ENCHANTRESS, R. P. STRUTHERS, WIDAR, W. C. EGAN.

**"BABY" PHLOX OFFER NO. 2**

SIX EACH OF THE FOLLOWING NINE KINDS, enough to make a striking group of each color, 54 PLANTS IN ALL, FOR \$5.00. BEACON, BRIDESMAID, ECLAIREUR, ENCHANTRESS, FLORA REIDY, R. P. STRUTHERS, RYNSTROM, VON HOCHBERG, WIDAR.

**OTHER VARIETIES OF PHLOX**

AMOENA—Low growing rose pink.

DIVARICATA (Wild Sweet William)—Our native Woods Phlox. Fragrant flowers during May.

DIVARICATA LAPHAMII—Lavender flowers, all one color. Flowers freely. Blooms same time as Darwin Tulips. Much used as an underplanting or ground cover with Tulips.

PILOSA (Prairie Phlox)—A native in the open places. Prairie Phlox flowers somewhat later than Woods Phlox and, under cultivation, continues for several weeks. Masses of brilliant rosy carmine flowers.

SUBULATA—Moss pink, low growing Phlox flowering here in May. Valuable in rock garden. White, lavender, or rosy magenta.

Any of the above Phlox species, 25c each; 3 for 65c; \$2.50 per dozen.

**PHYSALIS (Chinese Lantern Plant)**

FRANCHETTI—An ornamental form of Ground Cherry, with bright orange-scarlet lanternlike fruit. Will last all winter if cut and dried. Not ornamental in the garden. 25c each; 3 for 65c; \$2.50 per dozen.

**PHYSOSTEGIA (False Dragon Head)**

VIRGINIANA—Flowers bright, soft pink in summer. Plants 4-6 ft. Valuable for cutting. Does well in very moist situations. 25c each; 3 for 65c; \$2.50 per dozen.

—VIVID—A dark pink variety of a stocky growth, about 18-24 inches high. Good for the rock garden. Each 25c; 3 for 65c; \$2.50 per dozen.

**PLATYCODON (Balloon Flower)**

GRANDIFLORUM—Closely related to the Campanulas. Attractive, open, bell-shaped flowers and buds that look like little balloons. Blue or white. July. 24-30 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**PYRETHRUM**

ROSEUM HYBRIDUM (Persian Daisy)—Very hardy and one of the choicest of perennials. The fernlike foliage is attractive when the plants are not in bloom and the flowers, ranging from pure white through shades of pink to deep crimson are beautiful on the plant or as cut flowers. They flower the last of May and through June. Single and double flowered mixed. 25c each 3 for 65c; \$2.50 per dozen.

JAMES KELWAY—These are seedlings of this excellent dark red single variety of Pyrethrum roseum but all that have flowered so far have been true to color. 35c each; 3 for 95c; \$3.50 per dozen.

—MRS. W. A. TOOLE—The best single pink Pyrethrum we have ever seen. Flowers of a clear medium pink, large size and of good substance. Each \$1; 3 for \$2.50.

—FLORENCE SHADLEY—A double flowered pink variety that has attracted favorable attention in the Chicago wholesale flower market be-



Pyrethrum Roseum Hybride

cause of the beauty of the cut flowers. Plants, \$1 each; 3 for \$2.50.

ULIGINOSUM (Giant Daisy)—This is one of the most striking perennials during the late summer and fall when the plants are covered with large white flowers. 3-4 ft. Strong plants. 25c each; 3 for 65c; \$2.50 per dozen.

**RANUNCULUS (Buttercup)**

ACRIS FL. PL. (Bachelor's Buttons)—Golden yellow balls set on stems 16-24 inches tall. Very hardy and most typical of the old fashioned garden. Good for cut flowers except that falling petals make it somewhat untidy. May and June. 25c each; 3 for 65c; \$2.50 per dozen.

**RUDBECKIA (Coneflower)**

LACINIATA FL. PL. (Golden Glow)—Useful for backgrounds or corners where a tall growing flower is needed. Yellow. August. 4-6 ft. 25c each; 3 for 65c; \$2.50 per dozen.

LACINIATA FL. PL. SASS BROS. GOLDEN BALL—A decided improvement on the old Golden Glow, having round flowers with double the number of petals. 50c each; 3 for \$1.25.

PURPUREA (Purple Cone Flower)—Large, striking, daisy-shaped pinkish-purple flowers with large, dark brown center cone. Striking in the border and useful as a cut flower, especially for large baskets or porch vases. 3-4 ft. July-Sept. 25c each; 3 for 65c; \$2.50 per dozen.

**SALVIA**

AZUREA GRANDIFLORA (Azure Sage)—Long willowy spikes of lovely, azure-blue flowers in September and October. This variety is very slow to start growth in the spring and it is often thought to have winter-killed when perfectly all right. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**SCABIOSA**

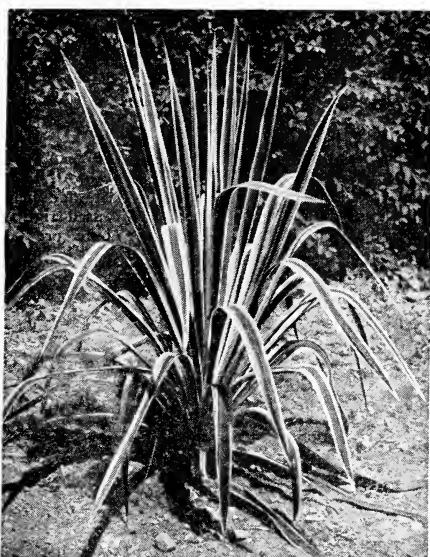
**CAUSASICA**—Blue-lavender flowers, long stems. A lovely flower, but it does not enjoy our hot, dry summers very well. 2 ft. July-August. 25c each; 3 for 65c; \$2.50 per dozen.

**CAUCASICA ALBA**—Same as above but flowers are white. Each 25c; 3 for 65c; \$2.50 per dozen.

**SEDUM**

For other varieties see Rock Garden Section.

**MAXIMOWICZI** (Amur Stonecrop)—An erect growing variety with golden yellow flowers in late summer. 12-20 inches. 25c each; 3 for 65c; \$2.50 per dozen.



*Yucca Filamentosa Variegata*

**SPECTABILE** (Showy Sedum)—One of the taller Sedums suited to either the border or the larger rock garden. Pleasing foliage effect during the early part of the season and large flat heads of light rose-pink flowers in September. Does well in dry exposed situations or in light shade. 12-18 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**SPECTABILE BRILLIANT**—Like the preceding variety except that the flowers are a darker color. 25c each; 3 for 65c; \$2.50 per dozen.

**STACHYS**

**LANATA** (Lamb's Ear)—The downy white foliage is the ornamental feature of this plant. 25c each; 3 for 65c; \$2.50 per dozen.

**STATICE (Great Sea Lavender)**

**INCANA**—Rather coarse small white flowers in large panicles. Effective in the rockery, or border. Flowers dry well. June. 10-15 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**LATIFOLIA**—Large flat heads of tiny purplish-pink flowers. May be dried and kept for months. Beautiful cut and used with larger flowers. August-Sept. 18-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**THALICTRUM**

**AQUILEGIAFOLIUM** — Columbine-like foliage and feathery purple or white flowers in June. 2-3 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

**TROLLIUS**

**EUROPEUS ORANGE GLOBE**—Large globe-shaped orange yellow flowers. May and later. 1-2 ft. Likes partial shade. Each 35c; 3 for 95c; \$3.50 per dozen.

**LEDEBOURI**—Lemon yellow flowers. June-July. Tall. Each 50c; 3 for \$1.25.

**VALERIANA (Garden Heliotrope)**

**OFFICINALIS**—Showy heads of white flowers during June and July. Strong, sweet scent. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**VERONICA**

**LONGIFOLIA SUBSESSILIS** (Japanese Speedwell)—Dense spikes of deep blue flowers. One of the best perennials for the hardy border. August-Sept. 18-24 inches. 35c each; 3 for 95c; \$3.50 per dozen.

**SPICATA**—Long graceful spikes of bright blue flowers in July and August when this color is needed. 20-30 inches. 25c each; 3 for 65c; \$2.50 per dozen.

See Rock Garden Section for other varieties.

**YUCCA (Adam's Needle)**

**FILAMENTOSA**—The swordlike foliage is very attractive. Well established plants give a spike of white lily-like flowers. 3-4 ft. July. 35c each; 3 for 95c; \$3.50 per dozen.

**FILAMENTOSA VARIEGATA**—This form of *Yucca Filamentosa* or Spanish Bayonet has a central stripe of green, with an edging of golden yellow. It is as hardy as the clear green type. The effect of this plant is very striking in the garden in summer and also in the winter, contrasting against the snow. Price: Strong 2 year plants \$1 each; 3 for \$2.50.

**LANDSCAPING THE HOME GROUNDS**

—By L. W. Ramsey. Step by step, with photographs and plans that make each point clear, this new book shows just how to develop your home grounds for greatest beauty. Each of the 175 illustrations tells a story or teaches an important lesson. 175 illustrations, 170 pages. \$2.15 postpaid.

**EVERGREENS FOR THE SMALL PLACE**—By F. F. Rockwell. All the information you need to make the best use of evergreens is in this handy book, written by one who is himself a home owner and a garden maker. It tells the uses, characteristics, and types of small or dwarf evergreens, and details of their planting, transplanting, and general care. 67 illustrations, 84 pages. \$1.15 POSTPAID.

**LAWNS**—By F. F. Rockwell. You will find use for this information year after year, for it shows both how to start a lawn right and how to keep it smooth and velvety thereafter. Full of suggestions on laying out the lawn, grading, fertilizing, planting, care after planting, weed and pest control, and remaking and repairing old lawns. 39 illustrations, 87 pages. \$1.15 postpaid.

# Special Garden Selections

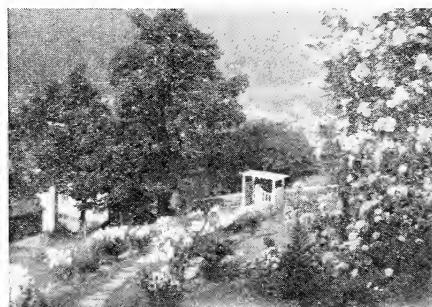
## FOR THAT SHADY CORNER

Perhaps you have a difficult place in your garden where it is hard to get anything to flower. Here are 10 varieties that will bloom in partial shade, if given reasonable attention.

If the shade is made by trees, it must be remembered that the roots of the trees may rob the flower plants of both moisture and fertility and make it impossible for the plants to flower unless given extra water and fertilizer.

**ONE EACH OF THE FOLLOWING TEN KINDS FOR \$2.00; TWO OF EACH FOR \$3.50; THREE OF EACH FOR \$5.00, all carefully labelled and packed.**

Sedum Spectabile	Lobelia cardinalis
Hemerocallis Thunbergii	Veronica spicata
Funkia lanceolata	Aconitum Spark's
Aquilegia Long	Variety
Spurred Hybrids	Eupatorium ageratoides
Lily of the Valley	Phlox R. P. Struthers



Toole's Plants in a Durbin, W. Virginia Garden

## AN ALL-SUMMER GARDEN

By planting this selection of A DOZEN OF TOOLE'S HARDY PERENNIALS, you can cut bouquets if you wish from late May to September. The dozen plants may be planted nicely in a space 4x6 feet in area. The flowering season may be prolonged by setting in tulip bulbs between the perennials in the fall.

For a real effective border, plant at least three of each variety, or 36 plants in all, which will require about 70 square feet of space.

Chrysanthemum leucanthemum (Memorial Daisy)  
Pyrethrum Hybrideum (Persian Daisy)  
Shasta Daisy Alaska  
Gypsophila paniculata (Baby's Breath)  
Statice latifolia  
Gaillardia grandiflora  
Delphinium belladonna  
Coreopsis lanceolata  
Pyrethrum uliginosum  
Heliopsis pitcheriana  
Achillea ptarmica (The Pearl)  
Penstemon barbatus Torreyi

**Prices. One plant each of the above All-Summer Selection of 12 varieties for \$2.50; 3 plants of each, 36 in all for \$6.**

## A GARDEN OF DELPHINIUMS

While it is hardly probable that you will want to grow only Delphiniums in your garden, they form so important a part of any Hardy Garden, that they should be well represented by different types. For those who are not quite sure just what kinds to buy, I suggest the following collection as being a well balanced selection of the different varieties.

- 2—Delphinium Bellamossom
- 2—Delphinium Belladonna
- 6—Delphinium Garry-nee-Dule Blue Hybrids
- 2—White Hybrids "Summer Cloud"

We can supply you with the above selection of **TWELVE CHOICE DELPHINIUMS** in strong field grown plants with a separate value of \$4, for **ONLY \$2.75**, or the same selection in "Baby" Plants that will flower this year, for \$1.50.

## A GARDEN IN BLUE

Blue in the garden gives a cool effect, and helps to create an illusion of greater size if used rightly. Here are some of the best of the blue or blue purple perennials:

Delphinium bellamossom  
Delphinium belladonna  
Linum perenne (Hardy Flax)  
Campanula persicifolia  
Centaurea montana  
Eryngium amethystinum  
Platycodon, blue  
Salvia azurea  
Scabiosa caucasica  
Tradescantia virginica  
Aster Climax  
Veronica Spicata

**Price: ONE PLANT OF EACH OF THESE TWELVE LOVELY PERENNIALS, \$2.50; or THREE OF EACH, or 36 in all, for \$6.**

## SPECIAL OFFER CHOICE MIXED GLADIOLUS

Where else can you obtain such a wealth of colorful beauty? And at such really small cost and labor, I am offering this year a magnificent mixture of choice flowering size bulbs at a very low price. Somewhere in your garden you can find a place for some of these bulbs which will provide you many attractive bouquets for house decoration.

## SPECIAL OFFER

**ONE HUNDRED** choice bulbs of GLADIOLUS in great variety for \$2.25, POST-PAID; **FIFTY** for \$1.25, POSTPAID; **THREE HUNDRED** of these Promises of Beauty for only \$5.50, PREPAID.

**GLADIOLUS**, by F. F. Rockwell. Recommended as "the best brief guide on gladiolus growing." It tells how to plant, fertilize, and cultivate; how to grow from seed or bulblets; how to harvest and cure; how to handle for cut flowers; and every other detail needed for success with this popular flower. 45 illustrations, 79 pages. \$1.15 postpaid.

# The Garden of Your Dreams

Probably you have dreamed of a Perennial Border somewhere in your back yard, or in a corner next to the garage, where there will always be a few flowers for the table, and a bright bit of cheerful color. Maybe you have thought of it for years but just never got around to it or did not know what to plant.

It is for just such folks that we have designed this **Dream Garden**, with three different styles of arrangement adapting it to different conditions. The plants selected are for a garden where there is plenty of sunlight through most of the day. If your garden must be in the shade, write us and we can suggest selections of plants.

The varieties selected are kinds that are not hard to grow and will provide a wealth of flowers for many weeks. There are **77 PLANTS IN 18 VARIETIES AT THE VERY LOW PRICE OF \$10. INCLUDING BLUE PRINT AND BRIEF, UNDERSTANDABLE DIRECTIONS for PLANTING AND CARE OF THE BORDER.**

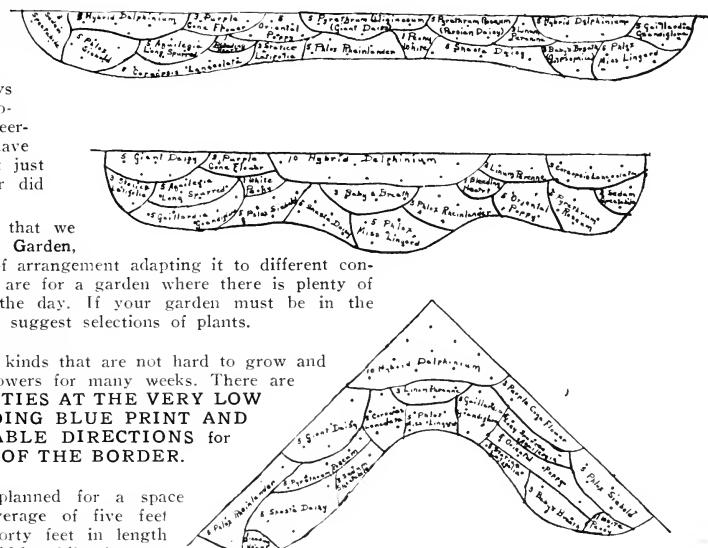
The upper diagram is planned for a space fifty feet long and an average of five feet wide. The middle one is forty feet in length and averages six feet in width while the corner planting is for a space twenty-five feet along each corner and of corresponding width. There is space enough to plant in extra plants or bulbs if desired. A very pleasing effect may be obtained by planting tulip or narcissus bulbs between the plants of the late flowering perennials. This helps to lengthen the season and add variety to the garden.

Following is a list of the plants you will receive in the DREAM GARDEN.

10 CHOICE MIXED HYBRID DELPHINI:

UMS, many shades of blue and purple, 4 to 6 feet, the backbone of the Hardy Garden; 5 *SHASTA DAISIES*, white, 2 to 3 feet, June and July; 5 *GAILLARDIA GRANDIFLORA*, mahogany red and yellow, 2-3 feet, July, August; 5 *COREOPSIS LANCEOLATA*, yellow, July-August, 2-3 feet; 5 *AQUILEGIA LONG SPURRED HYBRIDS*, many colors, 18-24 inches, June; 5 *PYRETHRUM ROSEUM HYBRIDUM*, pink and red, 18-24 inches, June; 5 *PHLOX SIEBOLDI*, orange scarlet, July-August, 20-24 inches; 5 *PHLOX RHEINLANDER*, clear pink, with eye, 20-24 inches; July-August; 5 *PHLOX MISS LINGARD*, waxy white, 20-26 inches, June-July; 5 *GIANT DAISY*, white, 3-5 feet, September; 5 *ORIENTAL POPPIES*, orange scarlet, 18-24 inches, June; 3 *BABY'S BREATH*, filmy white flowers in June and July, 2-3 feet; 3 *STATICE LATIFOLIA*, delicate lavender, August-Sept., 12-20 inches; 3 *LINUM PERENNE*, blue, 12-18 inches, May-Aug.; 3 *PURPLE CONEFLOWER*, rose purple, 2-3 feet, July-August; 3 *SEDUM SPECTABILE*, rose pink, 12-20 inches, September; 1 *BLEEDING HEART*, pink, 20-30 inches, May; 1 *PEONY*, white, 24-30 inches, June.

77 CHOICE PLANTS IN ALL, INCLUDING  
PLANTING INSTRUCTIONS AND PLANS for  
ARRANGEMENT FOR ONLY \$10.00. All care-  
fully packed and each variety labelled.



## SUMMER HOME GARDEN

For those who would like a garden at the summer cottage, for summer bloom only, we have made this selection, which will provide you with cut flowers or color in the garden for many summers. These varieties are suited for a place where there is sunshine.

Achillea ptarmica Perry's White  
Coreopsis lanceolata  
Centaurea macrocephala  
Gaillardia grandiflora  
Lythrum roseum  
Lychinus chalcedonica  
Pentstemon barbatus torreyi  
Phlox R. P. Struthers  
Phlox Von Hochberg  
Platycodon grandiflorum  
Rudbeckia purpurea  
Veronica spicata

ONE EACH OF THE ABOVE TWELVE  
KINDS FOR \$2.50; THREE OF EACH, 36  
PLANTS IN ALL, FOR \$6.00.

FIELD BOOK OF COMMON  
FERNS

BY HERBERT DUBAND

Containing information of general interest—particularly the detailed description of the fifty fern species, compact in size, this book is meant to be carried along for frequent consultation. The author has purposely avoided using purely technical expressions, desiring the book to be "sort of a Fern Primer that would lead to wider knowledge and appreciation of the ferns among the uninformed."



Toole Rock Plants in the Garden of  
Mildred M. Brey, Dundee, Illinois

Each year we have added in a small way to our own Rock Garden. We have long had in mind to build a larger one. This past fall we found we could make a start on it. A pool has been constructed and over a hundred tons of beautiful lichen covered sandstone rocks have been put in place.

Most of the flag stone walks are laid, but little planting has been done as yet. We hope to fill in the background and do much planting as soon as spring comes.

Should you have the opportunity we would be glad to have you visit Garry-nee-Dule and inspect the progress we have made on the Rock Garden, also the nearby perennial garden and more distant Nature Trail.

No hard and fast rules or plans may be given for the construction of Rock Gardens. An attractive rockery may cover a few feet in extent in a corner of the back yard, or it may extend to much larger proportions.

A pool of water is not necessary, but a pool and water plants and a bog garden to combine to make the rockery more attractive.

I haven't room to give more than the briefest directions for building a Rock Garden. Most every public library has, or will get for you, some good books on Rock and Alpine Gardening. Read all you can, and then use your common sense when you start work.

Good drainage is necessary but you do not need to excavate a cellar or near-cellars to provide for drainage in most cases.

Any good garden soil, combined with one-third sand and one-third leaf mold will make a good base for most rock plants. Lime may be added to this for those needing distinctly lime soil, and peat moss or oak sawdust may be added or used largely when an acid soil is needed. Stone chips or coarse sand are useful to place around the crowns of plants that rot easily if the tops are kept too moist. Rocks are not really essential to the growth of rock plants. They merely give a natural setting and congenial conditions for the best appearance of these attractive plants. Nor should the rockery be made a geological museum. You are building a garden for plants in most cases, and the rocks are used to increase the beauty and effectiveness of the plants.

Although no special kind of rock is essential, a porous variety such as sandstone or limestone is preferable because the reserve moisture in the rock is helpful during the hot, dry time in providing cool, moist conditions surrounding the roots of the plants. Use whatever you can secure most conveniently and arrange the rocks to suit your ideas of what is natural and pleasing.

I regret that there is not room to give detailed instructions for building a Rock Garden. However, for \$1.15 we can send you postpaid, *ROCK GARDENING*, by Rockwell, which you will find very helpful. Another book, costing \$2.15, is *THE ROCK GARDEN PRIMER*, by Thornton, which is larger and also very good.

# Rock Garden and Alpine Plants

Just what makes a suitable plant for a Rock Garden may be a matter of debate. An extensive Rock Garden may, with good effect, use much larger and coarser plants than a tiny rockery. Your tastes may run to delicate little alpines whose charm is partly in the difficulty of growing them, or you may prefer broad masses of color.

Besides the varieties in this section, you will find many kinds described in the **WILD FLOWER SECTION** that are valuable in the Rock Garden, and our natives are very essential for the Shady Garden.

## AJUGA

**GENEVENSIS** (Bugle)—A cover plant for use in shade. Spikes of blue flowers in May or June. Each 35c; 3 for 95c; \$3.50 per dozen.

## ALYSSUM

**SAXATILE COMPACTUM** (Goldentuf.)—A glow of golden yellow in the rockery even before the Dandelion favors us with its cheery beauty. April 9 to 12 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**ROSTRATUM**—Lighter yellow and later flowering than the preceding. Somewhat trailing in habit, good where showy plant is needed in the rockery. Flowers over an extended period and the silvery foliage is ornamental after the flower heads are trimmed away. 12-15 inches. June-July. 25c each; 3 for 65c; \$2.50 per dozen.



Toole Plants in the Rock Garden of  
Mrs. Lucy V. Overbeg, Paducah, Ky.

**SERPILLIFOLIUM**—Trailing. Light yellow flowers. April and May. Silvery gray foliage. Each 35c; 3 for 95c; \$3.50 per dozen.

**SPINOSUM**—Upright plants with gray green foliage, 6 inches. Spikes of white flowers. Each 50c; 3 for \$1.25.

## ANCHUSA

**MYOSOTIDIFLORA** (Forget-Me-Not Anchusa)—Tiny blue flowers that look exactly like Forget-Me-Nots but the leaves are large and round. June. 12 inches. 30c each; 3 for 80c; \$3 per dozen.

## AQUILEGIA

**ALPINA**—A dwarf, blue and white Columbine with attractive foliage. May. 10-12 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

All of the Aquilegias are well suited for rock garden planting, either in partial shade or full sun. For descriptions and prices see under Hardy Perennials, page 3.

### ARABIS (Rock Cress)

**ALBIDA**—Much the same as *Alpina* but of heavier growth. Each 25c; 3 for 65c; \$2.50 per dozen.

**ALPINA**—Heads of white flowers in April. One of the earliest to flower in the border or rockery. Likes a well drained spot. Cut back somewhat af-



Rock Garden Constructed by Toole in Milwaukee

ter flowering to keep the foliage neat and attractive. 6 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**ALPINA FL. PL.**—Looks like a miniature double flowered white Ten Week Stock Plant. Each 50c; 3 for \$1.25.

### ARENARIA (Sandwort)

**CAESPITOSA**—A green tufted moss-like plant with inconspicuous flowers. Chiefly valuable for planting between stepping stones or in crevices of walks, but good also in the rockery where the mosslike effect is desired. 1 to 2 inches. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

**MONTANA**—A mat of narrow leaves from which the star-shaped white flowers appear during June and July. Attractive in the sunny rockery. 3-4 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

### ASPERULA

**ODORATA** (Woodruff)—For the rock garden or a ground cover in the shade. White. 6-8 inches. May. Sweet scented. Each 35c; 3 for 95c; \$3.50 per dozen.

### ARMERIA (Thrift)

**CAESPITOSA**—A dwarf cushion of fine green foliage and heads of soft rose colored flowers on very short stems. May and scattered flowers all summer. 2-3 inches. Each 75c; 3 for \$2.00.

**LAUCHEANA**—A low growing mat of dark green leaves from which spring the heads of rose-colored flowers on stems six inches high. Flowers almost continually from June to end of summer. Plant several in a mass in the rockery to get best effect. Divide and reset in July and August of each year. 30c each; 3 for 80c; \$3 per dozen.

### ARTEMESIA

**FRIGIDA**—The finely cut silvery leaves are the distinguishing feature of this plant. Flowers not conspicuous but the foliage makes this one of the striking plants for the rock garden. 12 inches. 25c each; 3 for 65c; \$2.50 per dozen.

### ASTER

**ALPINUS** (Alpine Aster)—Bluish purple daisy-like flowers in June. 9 inches. 25c each; 3 for 65c; \$2.50 per dozen.

### CAMPANULA

**CARPATICA** (Carpathian Harebell)—Valuable in the Rock Garden where the blue or white open, bell-shaped flowers give a touch of color after the bulk of the Rock Garden is past its glory. Also good in the edge of the border. 9 inches. Blue or white. June to August. 25c each; 3 for 65c; \$2.50 per dozen.

**GARGANICA**—Almost a solid mass of lavender-blue star-shaped flowers in June. 3 inches. Each 50c; 3 for \$1.25.

**PUSILLA**—A profusion of tiny, blue bells on creeping plants scarce two inches high. Each 50c; 3 for \$1.25.

**PUSILLA ALBA**—As above except the flowers are white. Each 50c; 3 for \$1.25.

**ROTUNDIFOLIA** (Harebell)—This is one of the plants that loses much of its beauty if given good culture and rich soil in a hardy border. At its best growing from crevices in a rock wall or garden. 10-16 inches. June-August. The American form of the famous Scotch Blue Bell. 25c each; 3 for 65c; \$2.50 per dozen.

### CERASTIUM (Snow-in-Summer)

**TOMENTOSUM**—A low-growing border plant covered with a mass of white flowers the last of May and early June. The silver colored leaves are very attractive all summer. Desirable for the front of the border and much used as underplanting with Darwin Tulips. Also very attractive in the rockery. 25c each; 3 for 65c; \$2.50 per dozen.

### CHEIRANTHUS

**ALLIONI**—(Siberian Wall Flower) Glowing orange from late May through July and often later. Sweet scented. While a biennial it is so good it should be in every border or rock garden. 12-18 inches high. 25c each; \$2.50 per doz.

### CHIVES

Usually grown as a kitchen herb, but the round heads of lavender-purple flowers are really beautiful in the border or the rockery. 25c each; 3 for 65c; \$2.50 per dozen.

### CORYDALIS

**CHEILANTHIFOLIA**—Fern-like foliage and long spikes of yellow flowers. Will grow in shade but requires good drainage. Each 75c; 3 for \$2.



Aster Alpinus

## DAPHNE

**CNEORUM** (Garland Flower)—A most attractive trailing shrub for the Rock Garden. Clusters of pink fragrant flowers in May or June and often another crop late in summer. Seems to prefer



Campanula pusilla

loam or sand and peat mixture. Plants 6-8 inches tall. \$1 each; 3 for \$2.50. 8-10 inches, \$1.75 each.

## DIANTHUS

**ARVENENSIS**—Very flat mats of silvery-green and pink flowers on short stems. Each 35c; 3 for 95c; \$3.50 per dozen.

—**GERALD WALLACE**—A choice selection with a mat of foliage that is always effective even when not in flower. Each 50c; 3 for \$1.25.

**CAESIUS** (Cheddar Pink)—Close growing tufts of greyish leaves that are ornamental in the rockery or front border, even when not in flower. Clove scented single pink flowers. June. 6-8 inches high. Free bloomer. 25c each; 3 for 65c; \$2.50 per dozen.

**CRUENTUS**—Heads of dark red flowers, not fragrant. 8-12 inches high. Good for the rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**DELTOIDES** (Maiden Pink)—Small, rose flowers in profusion. For rockery or front of border. 6 inches. June. Foliage a pretty green. 25c each; 3 for 65c; \$2.50 per dozen.

—**MAJOR STEARNS VARIETY**—Flowers deep rose in color. Foliage a rich reddish bronze in color. Each 25c; 3 for 65c; \$2.50 per dozen.

**NEGLECTUS**—A tiny plant for the sunny rock garden. A small dense mat of leaves not two inches high with a relatively large single salmon pink flower. Plants are small. 50c each; 3 for \$1.25.

**SUPERBUS**—Fringed white and pink flowers. 8-12 inches. Rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**SYLVESTRIS**—Salmon pink flowers in June. For the hot, sunny rockery. One of the choicest of pinks for the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

## DICENTRA

**EXIMIA** (Fringed Bleeding Heart)—Rosy pink flowers, finely cut foliage that is attractive all summer. Lightly shaded rockery. May to August. 12 to 16 inches. 35c each; 3 for 95c; \$3.50 per dozen.

## DRACOCEPHALUM

**RUYSCHIANA** (Siberian Dragon Head)—A hardy blue flowered perennial, flowering in June. Bushy, free flowering. 12-18 inches high. Does well under good garden conditions. 35c each; 3 for 95c; \$3.50 per dozen.

## FESTUCA

**GLAUCA**—Tufts of blue-green foliage. A group of this pretty grass furnishes a delightful contrast in the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

## GERANIUM (CRANESBILL)

**ARGENTEUM**—Silvery foliage and pink flowers. For the hot rock garden or wall garden. Each 50c; 3 for \$1.25; \$5 per dozen.

**SANGUINEUM**—12 to 18 inches. The foliage is attractive, as well as the bright crimson flowers. Each 35c; 3 for 95c; \$3.50 per dozen.



Dianthus Caesius

## GYSOPHILA

**REPENS** (Creeping Gypsophila)—A very attractive creeping plant for the rockery, with a profusion of white flowers in July and August. Only a few inches high but spreads over a space of 18-20 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**REPENS ROSEA**—A pale pink form of the above. Each 35c; 3 for 95c; \$3.50 per dozen.

**HELIANTHEMUM**

**MIXED COLORS** (Sun Rose)—Small shrubby plants with flowers of various colors. 6-10 inches. June. 25c each; 3 for 65c; \$2.50 per dozen.

**HEUCHERA** (Coral Bells)

**ALBA**—Delicate creamy white flowers on a 12 to 18 inch stem. June. 35c each; 3 for 95c; \$3.50 per dozen.



Dianthus deltoides

**ROSEA**—Light rose-colored flowers on stems 16-24 inches tall. Very delicate and attractive. Flowers most of the summer when clumps are well established. 35c each; 3 for 95c; \$3.50 per dozen.

**IBERIS**

**SEMPERVIRENS** (Candytuft)—White flowers in profusion in May or June. Only moderately hardy at Baraboo. 25c each; 3 for 65c; \$2.50 per dozen.

**DWARF IRIS**

**CRISTATA**—A dainty little creeping variety for the rockery. 3 inches high. Rich amethyst blue. 35c each; 3 for 95c; \$3.50 per dozen.

**GOLDEN QUEEN**—An early golden yellow. Each 25c; 3 for 65c; \$2.50 per dozen.

**CYANEA**—Early dwarf blue. Each 25c; 3 for 65c; \$2.50 per dozen.

**DITTON PURPLE**—Dark purple dwarf Iris. Each 35c; 3 for 95c; \$3.50 per dozen.

**FAIRY**—Pale blue, nearly white. Each 25c; 3 for 65c; \$2.50 per dozen.

**LEONTOPODIUM**

**ALPINUM** (Edelweiss)—Requires a well drained sunny location. While the flowers do not attain the snowy whiteness of higher altitudes, the plant is interesting because of its sentimental connection with the Swiss Alps. 35c each; 3 for 95c; \$3.50 per dozen.

**LINARIA**

**ALPINA**—Tiny lavender purple "snapdragon" flowers with orange centers. Flowers for a long season, till late fall. Small plant, sometimes fails to survive winter but usually selfsows. 35c each; 3 for 95c; \$3.50 per dozen.

**LINUM** (Flax)

Also see Perennial Plant Section for other varieties suited for the larger Rock Garden.

**ALPINUM**—For the rock garden in full sun. Prostrate branches of fine foliage and pale blue flowers throughout the summer. Each 25c; 3 for 65c; \$2.50 per dozen.

**LYCHNIS** (Campion)

**ALPINA** (Alpine Campion)—Small tufts of leaves and heads of rose-colored flowers. Rockery. June. 4-6 inches. 30c each; 3 for 80c; \$3 per dozen.

**ARKWRIGHTII**—A hybrid form of Lychnis, 8-12 inches tall. Heads of crimson scarlet flowers in June and July. For the border or rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**LYSIMACHIA**

**NUMMULARIA** (Moneywort)—A creeping vine-like plant with yellow flowers from May to September. Good for a ground cover under trees or for covering banks and walls, but may become something of a weed. Good for hanging baskets or urns. 25c each; 3 for 65c; \$2.50 per dozen.

**MYOSOTIS**

**ALPESTRIS** (Forget-Me-Nots) —

Branches of tiny heavily blue flowers with a yellow dot in the center. Does best in light shade or full sun if given enough moisture during hot, dry summer weather. Very effective for bordering pools or streams. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

**NEPETA** (Catnip)

**MUSSINI** — Gray foliage and lavender-blue flowers. Low growing but rather long trailing branches. Is good in front of the border but especially attractive in the rockery. A very pretty effect is obtained in the rockery if a group is planted near the Saponaria ocymoides. 25c each; 3 for 65c; \$2.50 per dozen.

**OENOTHERA**

*Gypsophila Repens*

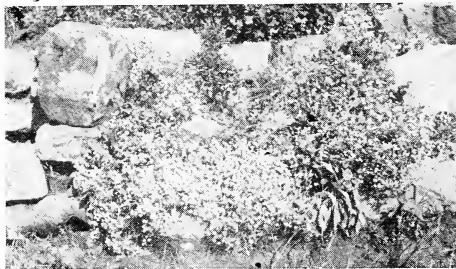
**FRUCTICOSA** (Sun-drops)—Flowers abundantly in sunny situation through June and July. Clear bright yellow. 12-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

## PACHYSANDRA

**TERMINALIS** (Japanese Spurge)—A plant with evergreen leathery leaves. Is much used for ground cover especially under coniferous trees. 6-8 inches. Looks very much like our wild Pipissawa, but is easier to grow. 25c each; 6 for \$1; \$12 per 100.

## PAPAVER (Poppy)

**ALPINUM**—Like a very tiny Iceland Poppy, but a true perennial. Mixed colors. Each 35c; 3 for 95c; \$3.50 per dozen.



Part of a Rock Wall at Garry-nee-Dule

**NUDICAULE** (Iceland Poppy)—Biennial. Neat tufts of light green foliage from which spring the slender leafless flower stems. Start to flower very early in the spring and continue into the summer. 1 ft. 25c each; 3 for 65c; \$2.50 per dozen.

## PHLOX

**AMOENA**—Low growing rose pink. 6 inches. May. **DIVARICATA** (Wild Sweet William)—Our native Woods Phlox. Fragrant flowers during May. Partial shade.

**DIVARICATA LAPHAMII**—Lavender flowers. All one color. Flowers freely. Blooms same time as Darwin Tulips. Much used as an underplanting or ground cover with Tulips.

**PILOSA** (Prairie Phlox)—A native in the open places. Prairie Phlox flowers somewhat later than Woods Phlox and under cultivation continues for several weeks. Masses of brilliant rosy carmine flowers.

**SUBLATA** (Moss Pink)—Low growing Phlox, flowering here in May. Valuable in the rock garden. White, rosy magenta, or lavender. Any of the above Phlox 25c each; 3 for 65c; \$2.50 per dozen.

## PRIMULA (Primrose)

**MISTASSINICA** (Arctic Primrose)—See native Plants Section.

**VERIS SUPERBA** (Cowslip)—An improved form of the yellow Cowslip which I have often heard my mother speak of gathering in the springtime in England along the stream sides in open meadows or the edge of a spinney (a small wooded place). A rich damp soil, made up of leaf mold or peat moss, sand and garden soil in a protected place, preferably an eastern exposure, best suits this old favorite. Strong plants. 35c each; 3 for 95c; \$3.50 per dozen.

We will have many other varieties to offer in the fall.

## PLUMBAGO

**LARPENTAE** (Leadwort)—A creeping plant with brilliant blue flowers in October. Starts growth late in spring and may be weeded out during the spring clean-up. 6-8 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

## SAPONARIA

**OCYMOIDES** (Rock Soapwort)—A showy dwarf trailing plant, for rock garden or the rock wall. Pink flowers, May and June. 25c each; 3 for 65c; \$2.50 per dozen.

## SAXIFRAGA

There is a wonderful variety in Saxifragas, many of which we cannot grow but many more that we shall be able to succeed with as soon as we find out a little more about them.

**BATHONIENSIS**—One of the strongest growing mossy varieties, with crimson flowers. Potted plants. Each 50c; 3 for \$1.25; \$5 per dozen.

**CORDIFOLIA**—Large succulent green leaves, turning crimson in fall. The pink flowers often appear so early in the spring that they are frozen before showing their beauty. 8-10 inches. April and May. 50c each; 3 for \$1.25; \$5 per dozen.

**CRASSIFOLIA**—Another of the large leaved varieties but flowering later than the above. Each 50c; 3 for \$1.25; \$5 per dozen.

**MACNABIANA**—One of the silvery Saxifragas and not at all like the preceding. Rosettes of silvery green foliage and airy spikes of white flowers spotted with red. 50c each; 3 for \$1.25; \$5 per dozen.

## SEDMUM (Stonecrop)

Sedums vary widely in form of growth, flowers and color of foliage. Because of this and the ease with which most of these are grown, they are useful in the rock garden. Because of their vigorous growth some varieties must be restricted to prevent their over-running smaller and more delicate kinds.

**ACRE** (Goldenmoss)—Low-growing green, fleshy leaves, covered in July with star-shaped yellow flowers. For the rockery or as a covering for dry banks. 25c each; 3 for 65c; \$2.50 per dozen.

**ALBUM**—Somewhat like S. Acre in style of growth but the leaves have a slightly bluish cast and the growth is heavier. Flowers are nearly white. Good for the rockery. Rampant grower. 25c each; 3 for 65c; \$2.50 per dozen.



Sempervivum and Sedum Acre

**DASYPHYLLUM**—One of the mossy kind with plump blue-green leaves. Flowers pink. 2-3 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**EWERSII**—Blue gray foliage and dull rose colored flowers in summer. 6 inches. For clefts in rockery. 25c each; 3 for 65c; \$2.50 per dozen.

## SEDUM (Continued)

**FORSTERIANUM**—A very attractive form with branches something like very dense spruce branchlets. Leaves have a bluish cast. Flowers yellow. 35c each; 3 for 95c; \$3.50 per dozen.

**GLAUCUM**—Blue-green foliage and white flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**KAMSCHATICUM**—A bushy little plant about 6 inches high. Yellow flowers in summer. Good for the fresh green foliage effect. Good in rockery or as edging plant for the perennial border. 25c each; 3 for 65c; \$2.50 per dozen.

**KAMSCHATICUM VARIEGATA** — Variegated leaves, green and yellowish white. Makes a striking contrast. 35c each; 3 for 95c; \$3.50 per dozen.

**LYDIUM**—Formerly offered as Stahlia. Dark green mosslike bunches, growing but a few inches high. Delicate tinted flowers in spring. Foliage crimson tipped in fall. 25c each; 3 for 65c; \$2.50 per dozen.

**MAXIMOWICZI** (Amur Stonecrop)—Erect growing, much like Spectabile except that flowers are yellow. 25c each; 3 for 65c; \$2.50 per dozen.

**MIDDEENDORFIANUM**—One of the choice kinds forming neat bunches of foliage of a bronzy green color. Each 35c; 3 for 95c; \$3.50 per dozen.

**REFLEXUM**—Light green fleshy leaves touched with bronze in fall. Yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**REFLEXUM CRISTATUM**—Very odd fasciculated stems which look like green Coxcombs. Each 50c; 3 for \$1.25.

**SAMENTOSUM** (String Sedum)—Spreading light green foliage and greenish-yellow flowers. Hardy here but must have good surface drainage. Attractive growing over the face of a rock. Rampant grower. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

**SAXIFRAGA**—Green foliage and yellow flowers. Much like Acre, but smaller leaves. Not so hardy. 25c each; 3 for 65c; \$2.50 per dozen.

**SPECTABILE** (Showy Stonecrop)—The preceding varieties of Sedum are all rather low growing excepting Maximowicz while this and the following are erect and taller in growth, being from 12 to 18 inches high. Useful in the rockery and valuable in the perennial border for the foliage is pleasing during the summer and the large flat heads of pink flowers are showy in Sept. Sun or shade. 25c each; 3 for 65c; \$2.50 per dozen.

**SPECTABILE BRILLIANT**—Like the preceding but flowers are dark rose or red color. 25c each; 3 for 65c; \$2.50 per dozen.

**SIEBOLDI**—Blue-green foliage with pink edging to leaves. Pink flowers in September. Not as hardy as some. 35c each; 3 for 95c; \$3.50 per dozen.

**STOLONIFERUM** (Running Stonecrop) — This variety is also offered as Spurium and Iberium and is very valuable. Different lots from different growers show many variations which blend with one another till there seems no sure dividing line. This variety has green trailing foliage, dull rose colored flowers and foliage turns a beautiful crimson in fall. 25c each; 3 for 65c; \$2.50 per dozen.

**STOLONIFERUM ALBA**—The summer appearance is much like the preceding, but the flowers are nearly white. Does not color so much in the autumn. 25c each; 3 for 65c; \$2.50 per dozen.

**STOLONIFERUM COCCINEUM** — Dark rose-colored flowers and foliage have a reddish tinge during the summer but does not color so well in autumn. 25c each; 3 for 65c; \$2.50 per dozen.

**TERNATUM**—White flowers in May. Does well in partial shade. 25c each; 3 for 65c; \$2.50 per dozen.

## SEDUM SPECIAL OFFER

ONE EACH OF EIGHTEEN VARIETIES  
plainly labelled, \$3.50.

## SEMPERVIVUM (Hen and Chickens)

While we have tried to verify the names of the



Sempervivum

following Sempervivums, we have no sure way of knowing if they are correct.

**ARACHNOIDEUM** (Cobweb Houseleek)—Medium sized green rosettes of leaves connected by fine silvery, web-like hairs, hence the name. Star-shaped rose-colored flowers with a distinct scent of cypress wood. 35c each; 3 for 95c; \$3.50 per dozen.

**ARENARIA**—Tiny rosettes of green leaves, in bunches. Spreads readily. Fine for the small rock garden. 30c each; 3 for 80c; \$3 per dozen.

**ATROPURPUREUM** — A selected variety of tectorum, with very large rosettes of dark purple color. 25c each; 3 for 65c; \$2.50 per dozen.

**COMPT DE CONGAL**—A hybrid variety. 25c each; 3 for 65c; \$2.50 per dozen.

**COMOLLI**—Red flowers. Bailey lists this as synonymous with *S. glaucum*. 25c each; 3 for 65c; \$2.50 per dozen.

**FUNCKI**—Brownish rosettes with green tips, giving a different color effect. 30c each; 3 for 80c; \$3.00 per dozen.

**GLOBIFERUM**—Flattened rosettes, 2 or 3 inches across and pale yellow flowers in June. 35c each; 3 for 95c; \$3.50 per dozen.

**METTENIANUM**—Flat rosettes of gray green leaves marbled with grass green. Flowers rose colored. 25c each; 3 for 65c; \$2.50 per dozen.

**PURPUREA ACUTIFOLIA** — Probably another variation of *Tectorum*. 25c each; 3 for 65c; \$2.50 per dozen.

**SEGUERI**—An interesting hybrid variety. 25c each; 3 for 65c; \$2.50 per dozen.

**TECTORUM (Hen and Chickens)**—Broad rosettes of green with reddish tips, flowers pale red. 25c each; 3 for 65c; \$2.50 per dozen.

**VERLOTTI**—Pale green leaves faintly tinged at tips with red brown. Flowers rose red. 25c each; 3 for 65c; \$2.50 per dozen.

**VIOLACEUM**—Still another variety of *Tectorum*. 25c each; 3 for 65c; \$2.50 per dozen.

## SEMPERVIVUM COLLECTION

ONE EACH OF TEN VARIETIES, LABELED, our selection, for \$2.50.

**SILENE**

**SCHAFTA**—Rosy purple flowers in July and August, on low tufted plants. Each 25c; 3 for 65c; \$2.50 per dozen.

**STACHYS**

**LANATA** (Lamb's Ear)—The downy white foliage is the ornamental feature of this plant. 25c each; 3 for 65c; \$2.50 per dozen.

**STATICE**

**INCANA**—Rather coarse small white flowers in large panicles. Effective in rockery. Flowers dry well. 25c each; 3 for 65c; \$2.50 per dozen.



Viola Lutea

**THYMUS**

**CITRIODORUS** (Lemon Scented Thyme)—More upright in growth than the other varieties but the contrast is interesting. Each 25c; 3 for 65c; \$2.50 per dozen.

**LANUGINOSUS** (Wooly Thyme)—For dry sunny places. A creeper especially suited for crevices in walks and steps and for the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**SERPYLLUM** (Mother of Thyme)—Creeping plant with fragrant leaves and pink flowers. For crevices in walk and steps and for rock garden wall planting. Dry sunny place. 25c each; 3 for 65c; \$2.50 per dozen.

**SERPYLLUM ALBUM**—A form of the above with foamy white flowers. Each 25c; 3 for 65c; \$2.50 per dozen.

**SERPYLLUM COCCINEUM** (Crimson Thyme)—Same as above but flowers deeper in color. 25c each; 3 for 65c; \$2.50 per dozen.

**SPECIAL:—TWO EACH OF THREE VARIETIES OF THYME, SIX PLANTS IN ALL, FOR \$1.25.**

**TUNICA**

**SAXIFRAGA** (Coat Flower)—A pretty dwarf plant with pink flowers and fine foliage. Flowers most of the summer. Good for the rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**SAXIFRAGA FL. PL.** (Double flowered)—We have found this one of the loveliest additions to the rock garden for it flowers continuously all summer and fall, with tiny double delicate pink flowers. It forms no seeds and so does not spread like the single from self-sown seeds. Originated at Garry-nee-Dule. Strong plants. 50c each; 3 for \$1.25; \$5 per dozen.

**VERONICA (Speedwell)**

For other Veronicas see Hardy Perennial and Native Plant Sections.

**AUSTRIACA**—A somewhat hairy variety with medium blue flowers in June. 12-18 inches. For the border or larger rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**CHAMAEDRYS** (Angel's Eyes)—Slender stems, large blue flowers. May-June. 12-18 inches. For the larger rock garden or border. 25c each; 3 for 65c; \$2.50 per dozen.

**CORYMBOSA STRICTA**—A tiny compact Veronica with blue flowers in May and June. 2-4 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**INCANA** (Wooly Speedwell)—Silvery foliage and blue flowers in June and July. 12 inches. Good for rockery or border. 25c each; 3 for 65c; \$2.50 per dozen.

**PROSTRATA**—Prostrate branches loaded with light blue flowers in June. For the rock garden. Each 35c; 3 for 95c; \$3.50 per dozen.

**REPENS** (Creeping Speedwell) — A tiny leaved creeping variety with very light blue flowers in May, for moist sun. 35c each; 3 for 95c; \$3.50 per dozen.

**SPICATA ERICA**—Spikes of delicate pink flowers in June and July. 8-12 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**SPICATA NANA**—A dwarf form of *V. spicata*, growing not over 6 to 8 inches high. For the rock garden. 35c each; 3 for 95c; \$3.50 per dozen.

**TEUCRIUM**—Intense deep blue flowers on prostrate stems, in June. Very attractive in the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**VIOLA**

**BOSNIACA**—A tiny mauve-pink flowered form, for the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**BOWLES BLACK**—Tiny black flowers with violet centers. 25c each; 3 for 65c; \$2.50 per dozen.

**ENGLISH VIOLET, DOUBLE**—Double sweet scented violet flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**JERSEY GEM**—Sweet scented violet-colored flowers are borne on stems that stand up during storms or sunny weather. For the border or rockery. 35c each; 3 for 95c; \$3.50 per dozen; \$20 per 100.

**LUTEA**—Clear yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**PAPILIO** — Light blue lavender flowers with lighter center. Each 25c; 3 for 65c; \$2.50 per dozen.

We have many more varieties of rock plants on trial, some of which will be available in the autumn of 1931.

We are in a position to take personal supervision and furnish labor and materials for rock garden and landscaping work within a reasonable distance of Baraboo. If interested write to me about what you are planning and I shall be glad to figure with you.

—W. A. TOOLE.



Large Space or Sloping Ground Are Not Necessary for a Satisfactory Rock Garden

# Rock Garden Collections

## ROCK GARDEN NO. 1

This is suitable for the small Rock Garden with an area of 10 to 15 square feet. The plants in this selection all require a sunny exposure, are hardy and not difficult to grow. One each of the following 12 kinds for \$2.50, or if your garden is large enough, 5 each or 60 plants in all for \$10.

<i>Alyssum serpyllifolium</i>	<i>Saponaria ocymoides</i>
<i>Arabis alpina</i>	<i>Dianthus deltoides</i>
<i>Campanula carpatica</i>	<i>Dianthus caesius</i>
<i>Campanula rotundifolia</i>	<i>Gypsophila repens</i>
<i>Sedum stoloniferum</i>	<i>Phlox subulata</i>
<i>Tunica saxifraga</i>	<i>Sedum Kamschaticum</i>

## ROCK GARDEN NO. 2

For those desiring more variety for a garden of 50 to 75 square feet where there is plenty of sun, this Rock Garden will be found most desirable. Three each of the following 20 hardy varieties of Rock Plants, 60 in all, for \$10.

<i>Alyssum rostratum</i>	<i>Phlox Subulata</i>
<i>Arabis Alpina</i>	<i>Cerastium Tomentosum</i>
<i>Saponaria ocymoides</i>	<i>Dianthus Deltoides</i>
<i>Gypsophila Repens</i>	<i>Dianthus Caesius</i>
<i>Neptea Mussini</i>	<i>Tunica Saxifraga</i>
<i>Sempervivum Tectorum</i>	<i>Sedum Ewersii</i>
<i>Statice Incana</i>	<i>Campanula Carpatica</i>
<i>Sedum Lydium</i>	<i>Veronica Teucrium</i>
<i>Sedum Kamschaticum</i>	<i>Campanula Rotundifolia</i>
<i>Sedum Stoloniferum</i>	<i>Aquilegia Canadensis</i>

## ROCK GARDEN NO. 3

### FOR ROCK GARDEN IN THE SHADE

Often people will write for a list of plants for a Rock Garden to be planted under a tree "where nothing will grow." This is asking too much of almost any list of plants. Here is a selection of plants, largely native, that will do well in shade if

given a soil of leaf mold and watered during the summer months. The flowers will appear almost entirely during the spring, leaving the ferns to provide most of the ornamental feature later in the season. Three each of the following 20 kinds, 60 plants in all, suited to a space of 50 to 75 square feet, for \$10, or one each, 20 plants in all, for a space of 20 to 25 square feet, for \$4.25.

<i>Aquilegia canadensis</i>	<i>Gentiana Andrewsii</i>
<i>Dicentra eximia</i>	<i>Sanguinaria Canadensis</i>
<i>Campanula rotundifolia</i>	<i>Iris Cristata</i>
<i>Asarum Canadensis</i>	<i>Trillium Grandiflorum</i>
<i>Hepatica acutiloba</i>	<i>Viola Pubescens</i>
<i>Mertensia virginica</i>	<i>Cypripedium Pubescens</i>
<i>Phlox divaricata</i>	<i>Vinca Minor</i>
<i>Polemonium reptans</i>	<i>Maiden-Hair Fern</i>
<i>Primula veris</i>	<i>Lady Fern</i>
<i>Aquilegia alpina</i>	<i>Evergreen Fern</i>

## ROCK GARDEN NO. 4

For ALL SEASON BLOOM, 30 PLANTS for \$5.00.

We offer THREE PLANTS of EACH of the following TEN VARIETIES, 30 PLANTS in all, and all good varieties for the beginner in Rock Gardening, carefully packed and labelled, for \$5. Enough for a Rock Garden 30 to 45 square feet.

### Name and Color—

### Time of Flowering

<i>Alyssum saxatile</i> , yellow	May-June
<i>Campanula carpatica</i> , blue	July-August
<i>Dianthus deltoides</i> , deep rose	June
<i>Veronica teucrium</i> , pink	May-June
<i>Saponaria ocymoides</i> , pink	June-July
<i>Sedum stoloniferum</i> , pink	June-August
<i>Tunica saxifraga</i> , light pink	All Season
<i>Sedum Stahlii</i> , smoky white	June-July
<i>Neptea mussini</i> , blue	July-August
<i>Sedum ewersii</i> , pink	August-September

## ROCK GARDEN NO. 5

Here is my selection of 25 choice yet hardy varieties for a small Rock Garden covering 25 to 30 square feet, or 75 plants for a space three times as large. The selection will provide some flowers most of the time from spring to fall, and when not in flower, the foliage effect is attractive.

One each of the following 25 choice varieties for \$5; 3 of each or 75 plants for \$12.50.

<i>Alyssum Serpyllifolium</i>	<i>Sedum Forsterianum</i>
<i>Armeria Lauchiana</i>	<i>Sedum Kamschaticum</i>
<i>Artemesia frigida</i>	<i>Sedum Reflexum</i>
<i>Cerastium Tomentosum</i>	<i>Sedum Stoloniferum</i>
<i>Dianthus Arvenensis</i>	<i>Coccineum</i>
<i>Dianthus Deltoides</i>	<i>Sempervivum</i>
<i>Dianthus Caesius</i>	<i>Arachnoideum</i>
<i>Gypsophila Repens</i>	<i>Stachys lanata</i>
<i>Festuca Glauca</i>	<i>Thymus Serpyllum</i>
<i>Heuchera Rosea</i>	<i>Thymus Lanuginosus</i>
<i>Nepeta Mussini</i>	<i>Tunica Saxifraga Double</i>
<i>Phlox Subulata Rosea</i>	<i>Veronica Austrica</i>
<i>Saponaria Ocyoides</i>	<i>Viola Bosniaca</i>
<i>Sedum Ewersii</i>	

## THE ROCK GARDEN IN SILVER AND GREY

While it is not to be expected that one will be contented with a Rock Garden made up only of these colors, the introduction of a liberal number of plants with silvery or gray foliage provides a fresh contrast of color at all times even when many of the plants may be out of flower.

Here is a list of Rock Garden plants, all good varieties with silvery or grayish green foliage. In addition to the foliage effect most of these kinds provide their own wealth of flowers.

<i>Alyssum serpyllifolium</i>	<i>Festuca glauca</i>
<i>Artemesia frigida</i>	<i>Nepeta mussini</i>
<i>Cerastium tomentosum</i>	<i>Saxifraga macnabiana</i>
<i>Dianthus Arvenensis</i>	<i>Sedum ewersii</i>
<i>Dianthus caesius</i>	<i>Sedum forsterianum</i>
<i>Sedum Sieboldi</i>	<i>Stachys lanata</i>

We can supply one each of the above 12 kinds for \$3, or 3 of each for \$8.

## STONE FOR ROCK GARDENS

Around Baraboo we have outcroppings of a wide variety of interesting stone suitable for rock gardens. Among them are:

**Windworn Sandstone**—This is sandstone that has been worn into curious forms and pockets by the wind. Variable in color, mostly gray. Weathered.

**Bronze Sandstone**—Sandstone colored to a rich reddish bronze color with iron.

**Weathered Limestone**—A rather soft stratified weathered gray lime rock, much of it covered with lichens.

**Quarried Limestone**—Rough quarried rock showing green, red, and yellow shadings and markings.

**Quartzite**—Varying in color from pink to red and purplish shades. Either weathered or quarried.

**Quartz Breccia**—Quartzite that has been broken up and the spaces filled in with white quartz or crystals. Striking and attractive.

**Glacial Boulders**—Rounded boulders in a wonderful variety of colors and textures of rock.

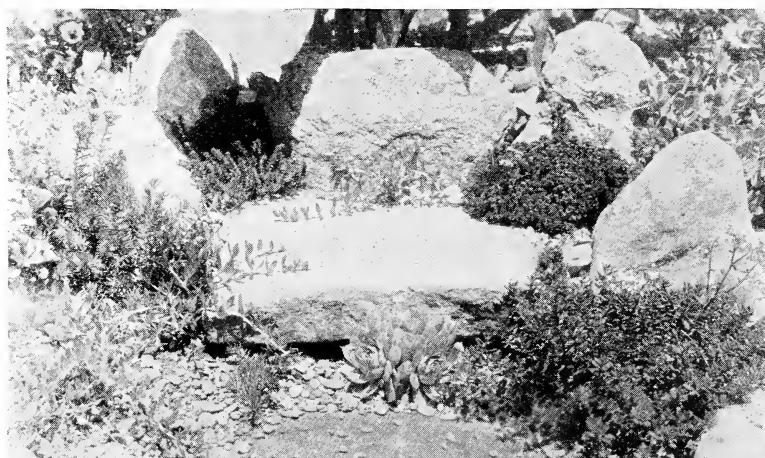
**Stepping Stones**—Flat quarried or water-worn stepping stones of sandstone. Varying from 2 to 4 inches in thickness.

Write for prices or come and inspect samples of this rock. We will ship by truck to moderate distances, or in car lots to longer distances.

## BOOKS ON ROCK GARDENING

**ROCK GARDEN AND ALPINE PLANTS**—By Correvon. You can choose from 542 kinds of rock plants and grow them in your own garden with the information in this new book by the world's greatest authority, written specially for American conditions. 33 illustrations (17 plants in color), 560 pages. \$6.00.

**ROCK GARDEN**, by F. F. Rockwell. Shows just how you can build a rock garden yourself, on a small or large scale and at little expense. Describes the types of rock gardens, tells what soils, climates, and locations are best, how to construct and what to plant for the effect you want. 31 illustrations, 86 pages. \$1.15 POSTPAID.



Part of Toole's Sedum Collection in the Garden of C. M. Oswalt, Mansfield, Ohio

# Wisconsin Wild Flowers

I am especially pleased to note the steadily increasing appreciation of the beauties of our native flowering plants and ferns, and their inclusion in garden plantings. Some of the more showy taller-growing native perennials have long been grown as cultivated plants in perennial borders.

The popularity of the very informal wild garden, and increasing interest in rock gardens has directed attention to many of the more modest, though equally beautiful varieties, previously overlooked.

Old friends will note several additions to our list of natives, and we hope to greatly increase this list another season.

Besides the Wisconsin Wild Flowers would you be interested in the addition of a selected list of varieties native to the western mountain states.

During the past year we have improved our facilities for propagating and growing our native plants, and more will be done this year. The Nature Trail continues to get a fair share of interest and

attention, though we are wondering just what may have happened to some varieties, due to the intense heat and drought of the past year.

May is probably the best month to visit the Nature Trail as there are more kinds in flower during May than any other month. Visitors have seemed to enjoy the trip over the half mile trail at almost any time of the year, even winter.

The country around Baraboo is full of lovely places where little creeks tumble down over the rocks, and ferns and wild flowers grow in profusion. Public camp grounds, tourist cabins, and summer hotels provide ample facilities for those who would enjoy a vacation under these ideal conditions. Write the Secretary, Baraboo Chamber of Commerce, Baraboo, Wisconsin, for full details.

Mrs. Toole and I will be glad to welcome you at Garry-nee-Dule at any time you find it possible to call.

## ACORUS

**CALAMUS** (Sweet Flag)—Stiff, sword-like, light green leaves. 2-4 ft. Flowers not conspicuous. Aromatic pungent rootstocks may be preserved like ginger. For damp places along streams or edges of bog gardens. 20c each; 3 for 50c; \$2 per dozen; \$10 per 100.

## ACTAEA

**(R) ALBA** (White Baneberry) — Coarse leaves, ivory white berries with red stems. Open shade. Good combined with Maiden-Hair or Lady Ferns.

25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

**(R) RUBRA** (Red Baneberry)—Same as above except berries are red. The Baneberries are very useful to add color to the shaded garden in late summer when there are few or no flowers. 25c each; 3 for 65c; \$2.50 per dozen.

## ANAPHALIS

**MARGARITACEA** (Pearly Everlasting)—Lightly acid dry soils in open. Good for winter bouquets. 1-3 ft. White. August. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

## ANEMONE

**CANADENSIS** (Meadow Anemone)—We find this plant growing wild in rather open, moist spots. A plant in the garden will spread slowly to cover quite a space if left to its inclinations. The white flowers start to appear in June and continue for many weeks, if conditions are favorable. 1-2 ft. 20c each; 6 for \$1; \$12 per 100.

**(R) PATENS VAR. NUTTALIANA** (American Pasqueflower, Badger) — The first flower of spring, appearing even before the Arbutus. Wild, it is found on open, sandy meadows, or in open places in the woods. The tulip-shaped light lavender flowers sometimes appear before the last snowbanks are gone. The flowers appear very



Anemone Canadensis

close to the ground but the flower stems continue to lengthen before the flower has faded and by the time the silvery plume of the seeds appear, the stem may be 10 to 12 inches high. Must have well drained soil. Good for rockery. 20c each; 6 for \$1; \$2 per dozen; \$12 per 100.

## AQUILEGIA

**(R) CANADENSIS** (American Columbine) — It grows nicely on dry, rocky ledges in light shade or full sun. Scarlet and yellow flowers on plants 1 to 2 feet tall in late May and June. 25c each; 3 for 65c; \$2.50 per dozen.

## ARENARIA

(R) *STRICTA* (Sandwort) — A low-growing and spreading mosslike plant found on sandy hillsides and rocky points. Good for the sunny, well-drained rockery. 20c each; 6 for \$1; \$2 per dozen.



Yellow Lady Slipper

## ARISAEMA

(R) *TRIPHYLLUM* (Jack-in-the-Pulpit) — Who does not know Jack, preaching from his brown pulpit, and what country boy hasn't tried to get his innocent city friend to taste the biting hot bulb? Interesting if forced in the house in winter. 20c each; 8 for \$1.

## ASARUM

(R) *CANADENSIS* (Wild Ginger) — The heavy root stalks have a pleasant gingery flavor which gives this plant its name. The curious brown flowers appear in May on the large leaved plants, which grow 6 to 8 inches high in shady woods. Good for a ground cover. 20c each; 8 for \$1; \$8 per 100.

## ASCLEPIAS

*INCARNATA* — While this variety is found wild growing in very damp ground, it will do equally well under ordinary garden conditions. 2-3 ft. Rose-purple flowers. July. Good as a cut flower. Each 25c; 3 for 65c; \$2.50 per dozen.

(R) *TUBEROSEA* (Butterfly Weed) — Found growing naturally on light sandy, well-drained soils. Under cultivation we find it lasts for years in heavy clay, but here it flowers best during hot, dry seasons. Brilliant orange flowers in June, on plants 18 inches high. Well suited to a dry, exposed situation. Good for rockery or border. 25c each; 3 for 65c; \$2.50 per dozen.

## ASTER

(R) *LINARIIFOLIUS* (Stiff or Savory Leaved Aster) — Rough, hairy dark green narrow foliage. Found native on rather poor sand but appears to do fairly well on much heavier soil. When mature, makes a very attractive ball-shaped mass of green, with small purple flowers. 8 to 12 inches high throughout September. For the sunny rock garden. Each 25c; 3 for 65c; \$2.50 per dozen.

(R) *SERICEUS* (Silky Leaved Aster) — Another friend of barren sands which does a little better if given a very well drained soil of moderate quality. A native aster with sparse, silky gray-green leaves and mauve flowers. 12-20 inches. August-September. Each 25c; 3 for 65c; \$2.50 per dozen.

## CALTHA

*PALUSTRIS* (Marsh Marigold) — Grows wild in boggy places and on the edges of little streams, but will do well in rich garden soil. Golden yellow flowers in early May. 20c each; 6 for \$1; \$12 per 100.

## CAMPANULA

(R) *ROTUNDIFOLIA* (Blue Bell) — We find this very dainty little flower nodding and swaying at the edges of steep, rocky cliffs or on barren wastes and hummocks in swamps. Grows in a variety of soils though it loses some of its charm if planted in rich soil where the growth is heavy. Identical with Scotch Blue Bell. 25c each; 3 for 65c; \$2.50 per dozen.

## CAULOPHYLLUM

(R) *THALICTROIDES* (Blue Cohosh) — Good to use with *Actaea alba* and *rubra* in fern plantings. Blue berries in early autumn. 10-16 inches. 20c each; 3 for 50c; \$2.00 per dozen.

## CLAYTONIA

(R) *VIRGINICA* (Spring Beauty) — Grasslike leaves and rose-colored flowers in early spring, growing from a small bulb. Rich shade. 2-3 inches. 15c each; 8 for \$1; \$10 per 100.

## CLINTONIA

(R) *BOREALIS* (Blue Beads) — Stems of creamy white flowers in late May or June followed by clear blue smooth round berries. Requires very acid loose soil. About six inches high. Each 25c; 3 for 65c; \$2.50 per dozen.



Moccasin Flower

## CORNUS

(R) *CANADENSIS* (Bunch Berry) — Flowers are white in May or June, followed by vivid scarlet berries. Damp, cool, intensely acid soil. Difficult. 3-8 inches. 20c each; 6 for \$1; \$10 per 100.

### CYPRIPEDIUM

No orchid is more beautiful than our native varieties of Lady Slippers. Especially effective planted in partial shade in combination with native ferns. Each bud in a clump counting as one plant.

(R) **ACAULE** (Moccasin Flower)—Two leaves from which grow the flower stalk. 6-10 inches. Rose-pink flowers. Acid soil necessary. Easily forced into flower in winter in a sunny window. Late May and June. 35c each; 3 for 95c; \$3.50 per dozen; \$18 per 100.

(R) **PARVIFLORUM** (Yellow Lady Slipper)—This is the form of Yellow Lady Slipper with small yellow flowers. Each 35c; 3 for 95c; \$3.50 per dozen.



Dutchman's Breeches

(R) **PUBESCENS** (Yellow Lady Slipper)—Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. This is the easiest to grow of the Lady Slippers. 35c each; 3 for 95c; \$3.50 per dozen.

(R) **SPECTABILE** (Showy Lady Slipper)—This is the finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. It is also a good plant for the cool greenhouse. Nothing can be more charming than masses of this beautiful orchid. 35c each; 3 for 95c; \$3.50 per dozen.

One each of the above four Lady Slippers for \$1.25; 3 of each for \$3.50.

### DICENTRA

(R) **CUCULLARIA** (Dutchman's Breeches)—Finely divided leaves and white flowers in long racemes. Flowers here in April and early May. Foliage dies to ground early in the season leaving only a small bulb. Likes a rich, shady spot. Does well as a rock plant. 15c each; 4 for 50c; \$1.50 per dozen.

### DODECATHEON

(R) **MEADIA** (Shooting Star)—A rosette of very smooth leaves from which the flowering spike grows in May and June. Heads of white & tinted pink cyclamen-like flowers. Thrives in sun or partial shade. Good for rockery or border. These should be grown more freely. 20c each; 3 for 50c; \$2 per dozen.

### EPILOBIUM

**ANGUSTIFOLIUM** (Fireweed or Willow-Herb)—One may often see acres and acres of the magenta pink flowers on newly cleared or burned over open sections of woodland, where it makes a wonderful sight. 3-6 ft. July-August. 25c each; 3 for 65c; \$2.50 per dozen.

### EPIPACTIS

(R) **PUBESCENS** (Rattlesnake Plantain)—An orchid with rosettes of blue-green leaves netted with white lines. Stalks of delicate white flowers. 6-12 inches. Needs shade and leaf mold. A most attractive little plant. Formerly listed as Goodyera repens. 20c each; 6 for \$1; \$2 per dozen.

### ERYTHRIONUM

(R) **AMERICANUM** (Dog-Tooth Violet; or Adder's Tongue)—Long green leaves mottled with white and purple spots. Light yellow flowers in early spring. Likes a moist situation. Plant bulbs deep. 15c each; \$1.50 per dozen; \$10 per 100.

(R) **ALBIDUM**—Much like the above except the flowers are white, tinted lavender. Bulbs, 15c each, \$1.50 per dozen; \$10 per 100.

### EUPATORIUM

**URTICAEOFOLIUM** (White Snakeroot)—One to three feet. July to September. This plant will grow in, and in fact seems to prefer, deeper shade than any late flowering plant I know of. Often found in deep, moist glens, so shady that no other flowering plant grows. Will also do well in full sun but the stems are shorter and stiffer. Good as a white cut flower to use with others in bouquets. 25c each; \$2.50 per dozen; \$15 per 100.

### EUPHORBIA

**COROLLATA** (White Spurge)—Abandoned sandy fields are a mass of this white flower all summer. Readily takes to cultivation. 20c each; 3 for 50c; \$2 per dozen; \$10 per 100.

### GAULTHERIA

(R) **PROCUMBENS** (Wintergreen)—Desired because of the flavor of its leaves and red berries. Requires a medium acid soil. Difficult to transplant. 2-5 inches. 25c each; 3 for 65c; \$2.50 per dozen.

### GENTIANA

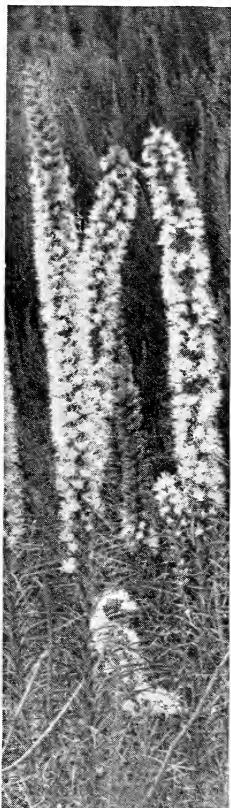
(R) **ANDREWSII** (Closed Gentian)—Clusters of blue flowers in September and October. One of our latest flowers to bloom. Enjoys a rich, and moist location. 25c each; 3 for 65c; \$2.50 per dozen.

### GERANIUM

**MACULATUM** (Wild Geranium)—12-18 inches in June. Light magenta or pink. Does well in light shade or sun. Effective in masses. 20c each; 3 for 50c; \$2 per dozen; \$10 per 100.

### HABENARIA

(R) **PSYCODES** (Purple Fringed Orchis) — The lilac-pink flowers, fragrant and delicately fringed, are borne on slender stems 12-30 inches high. Not difficult to establish in moist location. One of the very beautiful orchids. 35c each; 3 for 95c; \$3.50 per dozen.



Liatris

## HELENIUM

**A U T U M N A L E** (Sneezewort) In late August and September the borders of swampy ground and the moist, rich bottom land bordering streams are yellow with this attractive perennial. It is much planted in open perennial borders. 2-5 ft. 25c each; 3 for 65c; 2.50 per dozen.

## HEPATIC

**(R) ACUTILOBA** — (Liverleaf) — One of the early spring wild flowers appearing usually sometime in April. 3 to 5 inches high. Does well in shade or sun in rich humus soil. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

**(R) TRILOBA** — Is much the same as above except lobes of the leaves are rounded, and the growth is somewhat more compact. I have usually found these where the soil is a little more acid than the preceding. Each 25c; 3 for 65c; \$2.50 per dozen.

## IRIS

**(R) CRISTATA LACUSTRIS**—This is the northern form of the Crested Iris. Grows freely on the moist, sandy beaches on the shores of Lake Michigan. Useful in the rockery or edge of border. 20c each; 3 for 50c; \$2 per dozen.

**VERSICOLOR** (Blue Flag)—Native to low, wet places, this Iris is well suited to water gardening but will grow well on drier soil. Violet blue. 15-20 inches, late June. 20c each; 3 for 50c; \$2 per dozen; \$10 per 100.

## LIATRIS

**PYCHNOSTACHYS** (Blazing Star) — Buttonlike flowers set on spikes or stalks 4-5 ft. August-September. Very showy if massed in border. Appreciates good soil but will grow on very poor soil. Dark mauve or orchid colored flowers. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.

## LILUM

**SUPERBUM** (Meadow Lily)—Yellow to orange-red spotted flowers. July. 3-6 ft. Needs moist soil. Plant 6 to 8 inches deep. Bulbs, 25c each 3 for 65c; \$2.50 per dozen.

**(R) PHILADELPHICUM** (Wood Lily)—Upright orange flowers on stalks 1-2 feet high. Is found here in open woods and sandy soil. The bulbs, which are small, should be planted about 4 inches deep. July-August. Bulbs, 25c each; 3 for 65c; \$2.50 per dozen.

## LITHOSPERMUM

**(R) CANESCENS** (Puccoon)—Masses of brilliant orange flowers in May and June. 8-16 inches. Moderately acid soil. 25c each; 3 for 65c; \$2.50 per dozen.

## LOBELIA

**(R) CARDINALIS** (Cardinal Flower)—Brilliant and showy cardinal flowers on stalks 2-4 feet high in August. Grows wild along the sides and even on the beds or creeks where it is covered with two or three inches of water part of the year. Will grow in fertile garden soil. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.

## MERTENSIA

**(R) VIRGINICA** (Virginia Cowslip)—One of the earliest spring wild flowers. The bluish-green shoots and leaves are quickly followed by delicate pink buds and beautiful bell-shaped light blue flowers. Leaves disappear entirely for the rest of the year after flowering season, so it is well to



Virginia Cowslip

plant it in connection with a bed of ferns or other plants carrying foliage late in the season. 1 to 2 feet. 20c each; 6 for \$1; \$2 per dozen; \$12 per 100.

## MITCHELLA

**(R) REPENS** (Partridgeberry)—A trailing evergreen with red berries in fall. Does well under evergreen trees and is very valuable as a ground cover in any shady place among rocks. Delicate pink flowers in June or July. Responds favorably to application of bone meal. 15c each; 8 for \$1; \$8 per 100.

## MITELLA

**DIPHYLLA** (Bishopscap)—Maple shaped leaves on a slender plant. The delicate white flowers are supposed to represent a bishop's cap though they have more the appearance of a snow crystal. For partly shaded rockery. White. 12-18 inches. May. 20c each; 6 for \$1; \$2 per dozen.

**MONARDA**

**FISTULOSA** (Wild Bergamot)—Whole hillsides are often covered in late July and August with the lilac-colored flowers. Lovely cut and used in baskets with other flowers. 3-5 ft. 25c each; 6 for \$1; \$2 per dozen.

**NYMPHAEA**

**ADVENA** (Spatterdock)—Rather small yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**ODORATA** (American Waterlily)—The wild, white Waterlily of our northern ponds and sluggish streams. 35c each; 3 for 95c; \$3.50 per dozen.

**OPUNTIA (Cactus)**

(R) **FRAGILIS** (Small Prickly Pear)—A very hardy Cactus which grows wild in sandy places or on hot, dry, south exposures of some of our rocky bluffs. Flat stems and long yellow spines. Said to have yellow flowers in July but I have never been able to surprise a plant in the act of flowering or fruiting. 2-6 inches. Good for dry rock gardens or cactus bowl in the house. 25c each; 3 for 65c; \$2.50 per dozen.

(R) **RAFENESQUII** (Prickly Pear)—Grows under the same conditions as preceding but the flat stems are much larger and may reach a height of 12 inches and will spread out over an area of 2 feet across. Yellow flowers in July, and red edible fruit in fall. 25c each; 3 for 65c; \$2.50 per dozen.

**UNKNOWN**—A very spiny variety, native to northern Montana but perfectly hardy here. The white spines give it a very ornamental effect. Each 25c; 3 for 65c; \$2.50 per dozen.

**ORCHIS**

(R) **SPECTABILE** (Showy Orchis)—Somewhat misnamed as the rosy-lavender and white flowers are too delicate to be termed showy. 3-8 inches high in May or June. Found in rich leaf mold soil in the woods, but does well in open sun if soil is rich and moist. 35c each; 3 for 95c; \$3.50 per dozen.

**PARNASSIA**

**CAROLINIANA** (Grass Parnassus)—6-15 inches high. White flowers marked with greenish veins. Each 25c; 3 for 65c; \$2.50 per dozen.

**PENTSTEMON**

**GRANDIFLORA** (Shell Leaf Pentstemon)—While this is a fairly common native plant in some sections and by no means new to cultivation, it seems to me so attractive that it deserves to be featured. Growing 2 to 3 feet tall, the long spikes of dainty lavender-blue are unlike anything else in the garden. With us the flowers are at their best in late May and June. Beautiful and lasting as cut flower. It likes an open, sunny place and seems to do well on clay or lighter soil. Strong plants. 25c each; 3 for 65c; \$2.50 per dozen.

**PHLOX**

(R) **DIVARICATA** (Wild Woods Phlox)—Six to twelve inches. Light lavender-blue flowers in May. Will force nicely in greenhouse in winter. Seems to prefer a little shade when cultivated. Found wild in moist but not swampy woods. It must have some attention that it does not get crowded out in summer. 25c each; 3 for 65c; \$2.50 per dozen.

(R) **PILOSA** (Prairie Phlox)—Nine to fifteen inches. June. Flowers variable in color but mostly magenta shade. Grows naturally in open situation in swampy ground or in poor, sandy soil. 25c each; 3 for 65c; \$2.50 per dozen.

**PODOPHYLLUM**

(R) **PELTATUM** (Mandrake)—12-18 inches. May and June. White, waxy flowers hidden by two large umbrella shaped leaves. Fruit edible if you like it. 20c each; 3 for 50c; \$2 per dozen.

**POLEMONIUM**

(R) **REPTANS** (Jacob's Ladder)—Grows in somewhat damp, shady places, but does well under cultivation, under almost any conditions. 10-12 inches. May-June. Bell-shaped violet-blue flowers. 20c each; 3 for 50c; \$2 per dozen; \$12 per 100.

**POLYGONATUM**

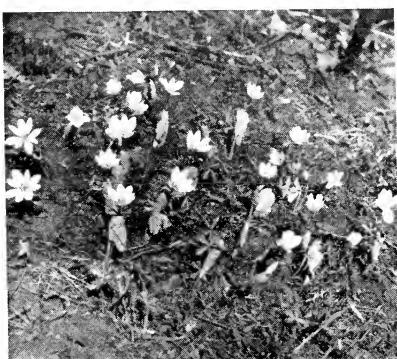
**BIFLORUM** (Solomon's Seal)—The blue-black berries hanging from the under side of the arching leafy stalk growing 18-30 inches tall make an attractive picture. Effective overhanging pools in the shady rock garden or the wild garden. Inconspicuous flowers in May. Berries June and July. 20c each; 3 for 50c; \$2 per dozen.

**PRIMULA**

**MISTASSINICA** (Arctic Primrose)—A tiny little primrose that seems to thrive in a soil of leaf mold and part sand or peat moss, soil and sand. Needs plenty of moisture but good drainage, and light shade. Tiny mauve flowers on stems 2 to 3 inches tall in late May or early June. Each 35c; 3 for 95c; \$3.50 per dozen.

**RANUNCULUS**

(R) **SIPHILITICA** (Large Blue Lobelias)—Dark blue flowers on spikes 1-3 feet high. Moist soil, August. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.



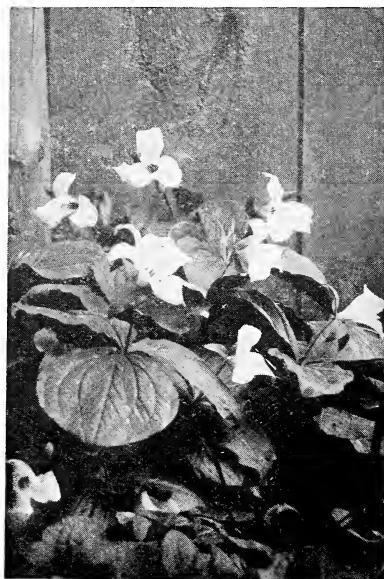
Bloodroot

**SANGUINARIA**

(R) **CANADENSIS** (Bloodroot)—Pure white flowers with a small yellow center. The pointed buds and white flowers, clasped by the unfolding leaves appear very early in the spring. Plant the tuberous roots barely below the surface in rich leaf mold soil, preferably in light shade. 4-8 inches. April-May. 15c each; 4 for 50c; \$1.50 per dozen.

**SARRACENIA**

**PURPUREA** (Pitcher Plant)—These plants with the curious pitcher-like leaves and odd brown flowers are very interesting. Grow in the acid sphagnum or peat of bogs or swamps. For the bog garden. June. 12-18 inches. 25c each; 3 for 65c; \$2.50 per dozen.



Trillium

**SISYRINCHIUM**

(R) **ANGUSTIFOLIUM** (Blue Eyed Grass) — Small deep blue flowers rising well above the grass-like leaves, in May or June. An interesting addition to the lightly shaded or sunny rock garden. Plant in groups of several plants. 6-10 inches. 20c each; 3 for 50c; \$1.50 per dozen.

**SMILACINA**

(R) **RACEMOSA** (False Solomon's Seal) — A small panicle of creamy-white flowers in May, followed by speckled reddish brown berries. Easily cultivated. Good for the rock garden or in wild planting. 12-20 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**TALINUM**

(R) **RUGOSPERMUM** — A curious little plant found growing wild on dry, sunny, barren sandy waste land where it does not have to compete with other plants. Given similar conditions in the rock garden, it will thrive but cannot survive on good soil. The plant is but two or three inches tall with curious fleshy round leaves and small pink star-shaped flowers. Each 25c; 3 for 65c; \$2.50 per dozen.

**TRADESCANTIA**

**VIRGINIANA** (Spiderwort) — A clear blue flower, growing here mostly on open sandy or gravelly hillsides, but found on moist soil in some sections. Effective in the sunny border, around pools or in the open wild garden. 12-30 inches. June to August. 15c each; 4 for 50c; \$1.50 per dozen.

(R) **BREVICAULIS** — More dwarf and compact than Virginiana with rose-colored flowers. Native south of here. For the sunny rock garden. 8-15 inches. June-August. 25c each; 3 for 65c; \$2.50 per dozen.

**TRILLIUM**

(R) **GRANDIFLORUM** (Wake Robin) — Flowers white sometimes changing to pink. June. Needs rich soil and light shade. Plant the tubers a few inches deep. 10-15 inches. 3 for 25c; \$1 per dozen; \$7 per 100.

**TYPHA**

**LATIFOLIA** (Cat Tail) — Easily grown along the edge of a pool or in a bog garden but should be planted in a pail or tub or it will crowd out other plants if used in a pool. 25c each; 3 for 65c; \$2.50 per dozen.

**UVULARIA**

(R) **GRANDIFLORA** (Bellwort) — These odd yellow flowers with the peculiar twisted petals are very effective if massed or appear to good advantage in a planting of hardy ferns. May-June. 8-15 inches. 15c each; 4 for 50c; \$1.50 per dozen.

**VERNONIA**

**NOVEBORACENSIS** (Ironwood) — Grows naturally in damp, almost swampy ground where the purple heads of flowers are very attractive. Grows well in the hardy border or in a sunny wild planting. 4-6 ft. August-September. 25c each; 3 for 65c; \$2.50 per dozen.

**VERONICA**

**VIRGINICA** — Slender spikes of white or pink flushed flowers on tall stalks ranging from 3 to 7 feet in height. A striking plant as viewed in open woods or meadows. Useful in the perennial border as well as in the wild garden. July to Sept. 25c each; 3 for 65c; \$2.50 per dozen.

**VIOLA**

(R) **PEDATA** (Bird's Foot Violet) — Grows profusely on somewhat acid well-drained sandy soil, producing the beautiful pansy-shaped flowers in greatest profusion. There is great variation in the color of the flowers from different plants, ranging from palest blue or lavender to darker pink, blues or purples. If given favorable soil, it is well adapted to massing in the sunny rock garden. 3-8 inches. May and June and often again in the fall. 15c each; 8 for \$1; \$10 per 100.

(R) **PUBESCENTS** (Yellow Violet) — For the Wild Garden or shaded Rock Garden, where the yellow flowers add an attractive touch of color. A hillside in our wild garden is yellow in May with their cheerful flowers. 6-12 inches. 15c each; 8 for \$1; \$10 per 100.

(Continued Bottom Page 32)



Bird's Foot Violet



A Typical Foundation Planting of Our Hardy Ferns

## Toole's Hardy Ferns

Hardy Ferns are being used very freely for shady places around the house, for shaded parts of the rock garden, and for shaded borders or woodland paths.

Most all Ferns require a plentiful amount of leaf mold or peat in the soil where they are planted to give the best results.

Do not plant Ferns deeply, and those with crowns such as the Ostrich Fern should be planted with half the crown above the soil. Ferns may be planted either in the spring or fall, when they are dormant, or even during the growing season if extra care is used. If planted in the fall, mulch with leaves or straw for protection over the first winter. If planted during the growing season, the tops should be cut off and new foliage will soon form.

(R) **ADIANTUM PEDATUM** (Maidenhair)—One of the most graceful of our native Ferns. Thrives in deeper shade than most kinds. Requires rich humus and protection from winds. 12-24 inches.

(R) **ASPIDIUM MARGINALE** (Evergreen Wood Fern)—Evergreen variety. Dark green fronds. Grows here in rich pockets of shaded hillsides. 12-18 inches.

(R) **CHEILANTHES FEEI** (Lipfern)—A wooly leaved fern, of a peculiar blue-green color, growing on exposed dry limestone rocks. Not common. 35c each; 3 for 95c; \$3.50 per dozen.

**CYSTOPTERIS BULBIFERA** (Bulblet Fern)—Narrow, slender green fronds. 12-30 inches

(R) **CYSTOPTERIS FRAGILIS** (Fragile Fern)—A delicate fern growing from 6 to 18 inches high. For the shady rock garden or for shady, moist banks in the wild garden.

**ONOCLEA SENSIBILIS** (Sensitive Fern) — It grows in damp places, either in shade or sun.

**ONOCLEA STRUTHIOPTERIS** (Ostrich Fern) — This is one of the best for general culture in a fern bed. One plant often has as many as 15 fronds, gracefully drooping, hence its name of Ostrich Fern. Under favorable conditions will attain a height of 3 to 6 ft.

**OSMUNDA CLAYTONIANA** (Flowering Fern) —Clothed with loose wool when unfolding its fronds, which sometimes under favorable conditions, attain a height of more than four feet. This variety will do well in either dry or shaded places.

**OSMUNDA REGALIS** (Royal Fern)—Can be grown in very shallow, still water, in bogs or moist soil, in either sun or shade. 2-3 feet.

(R) **PELLAEA ATROPURPUREA** (Purple Cliff-brake)—Grows wild in crevices of limestone rock, or sometimes in loose soil at base of rocks. Bluish green fronds and dark purple stems. 3-8 inches. Rare. 35c each; 3 for 95c; \$3.50 per dozen.

(R) **POLYPODIUM VULGARE** (Common Polypody)—A good small evergreen species for rock work. 4-8 inches.

(R) **WOODSIA IL-VENSIS** — (Rusty Woodsia)—Grows on the most exposed sun-baked rocks. 4-6 inches. For the sunny rockery.

(R) **WOODSIA** (Obtuse Woodsia) — On lightly shaded banks or ledges, this low-growing fern grows readily. 4-8 inches.

Unless otherwise noted, prices on above Ferns are 25c each; 3 for 65c; \$2.50 per doz.

The plants recently ordered reached me in splendid condition. I am delighted with them and think they should surely thrive.

Mrs. H. M. T., New Haven, Conn., Sept. 11, 1930.



Maiden Hair Fern

## FERN BED FOR THE SUNNY ROCK GARDEN

Three each of Woodsia Ilvensis; Cheilanthes Feei, and Pellaea Atropurpurea, NINE PLANTS IN ALL FOR \$2.

## A FERN BED OF 30 CHOICE VARIETIES FOR \$5

I am offering for \$5—TEN OSTRICH PLUME, 10 LADY FERNS, AND 10 CLAYTON FERNS. ONE-HALF THE ABOVE ASSORTMENT FOR \$3.

These three Ferns represent three distinct types and will make a splendid combination as a background for many varieties of perennial flowers in the open or half shaded places. When once planted, they will come back stronger from year to year if reasonable care is given. They will grow in common garden soil, which can be improved by the addition of leaf mold or pulverized peat. Plant these Ferns 12 to 18 inches apart and give them a thorough soaking to settle the soil around the roots, and mulch to preserve moisture. On arrival give them a good watering and keep them moist. The planting season runs from October 1st to June 1st. Fall planting gives the soil a chance to settle around the roots which will insure stronger growth the first year.

## SELECTION OF SMALL FERNS FOR SHADED ROCK GARDEN

THREE EACH OF WALKING FERN; COMMON POLYPODY; MAIDENHAIR SPLEENWORT; OBTUSE WOODSIA TWELVE IN ALL FOR \$2.25.

## A COLLECTION OF NATIVE ORCHIDS

FIVE EACH OF THE FOLLOWING NATIVE ORCHIDS, 25 PLANTS IN ALL, FOR \$5.

Cypripedium Acaule (Moccasin Flower)  
Cypripedium Pubescens (Yellow Lady Slipper)  
Cypripedium Spectabile (Showy Lady Slipper)  
Epipactis Pubescens (Rattlesnake Plantain)  
Orchis Spectabile (Showy Orchis)

## A WILD FLOWER GARDEN FOR A SHADY NOOK

Provide a loose spongy soil by mixing one-fourth to one-half of leaf mold or peat moss with 6 or 8 inches of top soil. Give plenty of water all through the growing season. Moisture is very important. Give a winter mulch of leaves or other litter. Keep out weeds. This WILD GARDEN CONSISTS OF FIVE PLANTS OR ROOTS EACH OF 17 DIFFERENT WISCONSIN WILD FLOWERS AND FERNS, all labelled and carefully packed, for \$10, or we will send TWO EACH of the 17 kinds for \$4.50.

Phlox divaricata	Caulophyllum
Cypripedium pubescens	thalictroides
Viola Pubescens	Trillium grandiflorum

Veronica virginica	Uvularia grandiflora
Mertensia virginica	Polemonium reptans
Aquilegia canadensis	Sanguinaria canadensis
Dodecatheon meadia	Eupatorium urticaefolium
Hepatica acutiloba	

## FERNS

Onoclea struthiopteris	Osmunda claytoniana
	Asplenium felix-foemina

# Water Lilies

We believe this to be a very choice selection of varieties of Hardy Water Lilies that will give you many choice flowers.

We are adding this year the following very choice Hardy Water Lilies for the Water Garden.

## NYMPHAEAS

ADVENA (Spatterdock) — Rather small yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen.

COMANCHE—The largest and finest of the apricot tints. The flowers have a wonderful combination of orange and glowing amber red. A strong grower and the earliest and most continuous bloomer in the hardy class. \$5 each.

ESCARBOUCLE—Bright crimson, carmine with orange center. Magnificent flowers four to six inches. Very free bloomer, vigorous growth. Each \$7.50.

GLADSTONIANA—Flowers pure dazzling white; cupshaped and very massive. \$2 each.

GLORIOSA—Deep carmine changing to deep red. Free and continuous bloomer. Each \$5.

MARLIACEA ALBIDA — Large, of sparkling whiteness, stamens light yellow. Fragrant and free. \$2 each.

MARLIACEA ALBIDA — Large, or sparkling low flowers, from four to six inches in diameter with bright yellow stamens. The leaves are beautifully mottled with bronze red. The plant flowers freely and is of easy, quick, vigorous growth and of compact habit. This is the best yellow hardy Water Lily in cultivation for all purposes. Each \$2.

ODORATO (American Waterlily)—The wild white Waterlily of our northern ponds and sluggish streams. 35c each; 3 for 95c; \$3.50 per dozen.

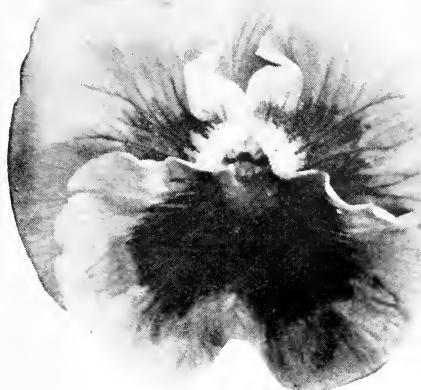
ROSE AREY—The bright cerise flowers of iridescent hue are very large, up to eight inches in diameter, very sweetly scented, with pointed petals, giving effect of darker shading near the edges. Long bright yellow stamens. Free blooming and of strong growth. \$3 each.

## VIOLAS (Continued from Page 30)

(R) BLANDA (Sweet White Violet)—In its native haunts it is usually found along the moist sides of little streams or in damp meadows, but it seems to thrive even better on higher ground if not allowed to be crowded out with weeds. Tiny, sweet scented white flowers. 2-3 inches. May. 20c each; 6 for \$1; \$1.50 per dozen.

(R) CANADENSIS (Canadian White Violet)—Large white violet tinted with pink on the outside. The flowers grow upright on branching stalks. Flowers most all summer, spreads rapidly. 4-8 inches. 25c each; 3 for 65c; \$2.50 per dozen.

# Toole's Pansy Plants



For half a century, Pansies were a specialty with my father, Wm. Toole, Sr. and my earliest recollections are of his beautiful fields of Pansies.

My strains are the result of these many years of painstaking and loving selection of the finest varieties among the hundreds of thousands of plants. Our aim is to supply the richest and most beautiful shades and colorings, combined with a pleasing form of flower, heavy, velvety petals, and a sturdy and healthy plant.

Pansies have long been a specialty with us, and we believe our Garry-nee-Dule Strain is distinct in richness of coloring and pleasing form of flowers. Strong transplanted plants in bud and bloom, April 15 to June 1, and September to November. Mixed colors. 75c per dozen; 25 for \$1.25; \$5 per 100.

## Annual Garden and Bedding Plants

### STRONG TRANSPLANTED PLANTS

While there is a certain satisfaction in growing perennials that makes them especially dear to one; we cannot get along without all the beautiful Annuals. To complete a color arrangement in the garden at some times of the year, it is often desirable to use Annuals in the Perennial Border, and they are often useful in filling in vacancies or spots in the border or Perennial Garden.

Of course there is the Garden of Annuals itself which may be kept entirely distinct from the rest of the garden, for the purpose of growing cut flowers. Most may be grown in the open ground from seeds, but some will give more satisfaction if started in the greenhouse. It is some of these, together with a few tender bedding plants that are listed below:

	Each	Doz.
AGERATUM—Blue.	.10	1.00
ANTIRRHINUM—Mixed colors	.10	1.00
ANTIRRHINUM (New Giant Snapdragon) Very large flowers	.15	1.50
ASTERS—Early flowering, mixed	.05	.50
GIANT BRANCHING—Separate colors of white, pink, crimson, lavender or purple mixed. \$3 per 100	.05	.50
ASTER (Giant Comet)—Mixed or separate colors of white, crimson, lavender or purple. \$3 per 100	.05	.50
BELLIS PERENNE (English Daisy)—white or pink. \$8 per 100	.15	1.50
COLEUS—Brilliant colored foliage	.10	1.00
COSMOS—Early, mixed colors	.05	.50
GERANIUMS—Double, red, pink, or white, from 4 inch pots	.35	3.50
HELIOTROPE—Medium color, has a sweet scent, strong, from pots	.25	2.50
LOBELIA—Blue	.10	1.00
PANSY PLANTS (Garry-nee-Dule Mixture). \$5 per 100		.75
PARIS DAISY. 4 inch pots	.25	2.50

	Each	Doz.
PARLOR IVY—A rapidly growing green vine for window boxes and baskets	.15	1.50
PETUNIA. Double flowered	.35	3.50
PETUNIA (Rosy Morn)—Single flowered, rosy pink. \$6 per 100	.10	1.00
PETUNIA (Rosy Morn)—4 inch pots	.25	2.50
PETUNIA (Royal Purple)	.10	1.00
PETUNIA (Royal Purple) — 4 in. pots	.25	2.50
PETUNIA (Giant Flowered)—Have large throats, many colors, mixed	.10	1.00
SALVIA SPLENDENS (Bonfire or America) \$7 per 100	.10	1.00
SCABIOSA—Annual, mixed colors	.10	1.00
THUNBERGII—Vine for boxes	.10	1.00
VERBENA—Mixed colors	.10	1.00
VINCA VARIEGATA—4 inch pots	.25	2.50
ZINNIA—Finest giant varieties mixed	.10	1.00

### SEEDS OF ROCK GARDEN PLANTS

This collection of Seeds of Rock Garden Plants, 14 packages, valued separately at \$1.60, for ONLY \$1.00. These are kinds that are not difficult to grow from seed.

Alyssum saxatile compactum, Arabis alpina, Aster alpinus mixed, Campanula carpatica, Cheiranthus allioni, Dianthus deltoides, Nepeta mussini, Papaver nudicaule (Baker's Sunbeam), Saponaria ocymoides, Statice incana, Tunica saxifraga, Veronica teucrium, Primula auricula, Sedum mixed varieties.

# Toole's Perennial Seeds

## POINTERS ON GROWING PERENNIALS FROM SEEDS



Rudbeckia Triloba

Many Hardy Perennials may be grown from seeds successfully if one cares to wait an extra year or so for flowers, and wishes to take the extra trouble involved in growing on young plants.

It seems to be quite a general supposition that perennials should be sown from June to August. My experience is that with few exceptions the earlier the seeds are sown, the better the results will be. The exceptions are such quick growing kinds as Shasta Daisy, Sweet William, Hollyhocks, and a

few others which do better planted in June. Delphiniums may be planted very early in the spring, or late in summer as soon as the seed has ripened. Aquilegias and Delphiniums will not germinate heavily if a year or more old.

For seed sowing, prepare the soil in an open bed or cold frame. Sow in little furrows not over twice the depth of the diameter of the seed, cover the seed with soil and press down with a board. Make the furrows from two to four inches apart. Water thoroughly but not so heavily as to wash out the seeds. Water often enough to prevent drying out as a germinating seed is quickly killed by drying. Either shade with cloth or cover over with lawn clippings or grass to check drying out. Remove the shade or cover as fast as seeds come up. Keep weeds out and soil stirred in rows. Transplant, when three or four leaves appear, to nursery rows where they will have more room to develop, and to permanent places in early spring or fall.

Very small seeds may often be handled to advantage in small boxes 3 to 4 inches deep. For soil we have found a mixture of one-half sand and one-half leaf mold screened through a wire fly screen sieve to give very good results. The tiny seeds may be scattered on the soil and pressed down with a flat piece of board. Watering may be done either by resting the bottom of the box in a pan of water, allowing it to soak up through the dirt, or by a very fine spray from above. Shade until the seed germinates with a sheet of painted glass or with paper. These tiny seeds must never be allowed to dry out while in process of sprouting.

Alyssum, Arabis, and Poppies are difficult to transplant and may be sown directly in their permanent home.

No.	Packet
101— <i>Agrostemma coronaria</i> —Single crimson flowers	.05
105— <i>Alyssum Saxatile Compactum</i> —Bright yellow flowers	.10
106— <i>Alyssum Rostratum</i> —Taller and later than the preceding. Rockery	.10
110— <i>Anchusa Dropmore Variety</i> . Gentian blue	.10

No.	Packet
111— <i>Anchusa Myosotidæflora</i> —Large round leaves and tiny forget-me-not like flowers early in spring	.15
115— <i>Anthemis Tinctoria Kelwayii</i> (Golden Marguerite)	.10
120— <i>Aquilegia Canadensis</i> —Native red and yellow Columbine	.15
121— <i>Aquilegia Coerulea</i> (Rocky Mountain Columbine)	.15
122— <i>Aquilegia Chrysanthæa</i> —Golden yellow	.15
123— <i>Aquilegia Nivea Grandiflora</i> —Pure white	.10
124— <i>Aquilegia Long Spurred Hybrids</i> —Very choice, many colors	.15
126— <i>Aquilegia Skinneri</i> —Scarlet spurs, yellow with green throat	.15
130— <i>Arabis Alpina</i> (Rock Cress)—white	.10
131— <i>Arenaria Montana</i> —Dwarf white	.10
132— <i>Asclepias Tuberosa</i> —Orange flowers	.15
133— <i>Aster Alpinus</i> —Mixed	.10
134— <i>Aubretia Graeca</i> —Bright blue dwarf	.10
135— <i>Aubretia Hybrida Grandiflora</i> — Mixed colors	.10
136— <i>Bellis Perennis</i> —Pink	.10
137— <i>Bellis Perennis</i> —White	.10
139— <i>Calamintha Alpina</i> (Alpine Mint)— Good for the Rock Garden, lavender flowers early in spring	.25
140— <i>Campanula Carpatica</i> (Carpathian Hare-bells)—Blue and white	.10
145— <i>Campanula Medium</i> (Canterbury Bells) Mixed colors	.10
147— <i>Canterbury Bells</i> , Blue	.10
148— <i>Canterbury Bells</i> —Pink	.10
149— <i>Canterbury Bells</i> —White	.10
150— <i>Campanula Calycanthema</i> (Cup and Saucer)—Mixed colors	.10
151— <i>Campanula Calycanthema</i> (Cup and Saucer) — White	.10
152— <i>Campanula Calycanthena</i> (Cup and Saucer)—Pink	.10
153— <i>Campanula Calycanthema</i> —(Cup and Saucer)—Blue	.10
154— <i>Campanula Persicæfolia</i> —Waxy white, bell-shaped flowers on slender stems	.15
155— <i>Campanula Persicæfolia</i> — Blue flowers	.15
159— <i>Centaurea Dealbata</i> —Rosy pink	.10
160— <i>Centaurea Montana</i> —(Hardy Blue Corn-flower)	.10
161— <i>Centaurea Macrocephala</i> —Large thistle-like yellow flowers	.10
163— <i>Cephalaria Macrocephala</i> —Like a canary yellow Scabiosa; 5-6 feet	.10
166— <i>Cerastium Tomentosum</i> (Snow-in-Summer)—Low - growing greyish, with hairy leaves and white flowers	.10
167— <i>Cheiranthus Allioni</i> (Siberian Wall Flower)—Orange flowers sweet scented	.10
170— <i>Chrysanthemum Maximum</i> (Shasta Daisy Alaska)	.10
172— <i>Chrysanthemum Leucanthemum</i> (Memorial Daisy)—A very early type of white daisy	.10
174— <i>Corydalis Lutea</i> —Golden yellow flowers. For Rock Gardens	.20
175— <i>Coreopsis Lanceolata Grandiflora</i> —Clear yellow daisylike flowers. 3 feet	.10

No.	Packet	No.	Packet
180— <i>Delphinium Garry-nee-Dule Blue Hybrids</i> —This includes both single and double flowers ranging from nearly white thru shades of light and deep blue to rich purple. Some of the flowers, both single and double, are beautifully suffused with mauve and plum. It has been our aim in developing this strain to strive for a vigorous plant that will be effective in the border as well as for large individual flowers. This is not by any means the only good strain of <i>Delphiniums</i> to be had but we believe you will be pleased with the effect obtained from the mature plants in your border ....	.50	226— <i>Gentiana Acaulis</i> ( <i>Gentianella</i> )—Very low growing, blue flowers .....	.35
181— <i>Delphinium White Hybrids</i> (Summer Cloud) — Selected from large flowered Summer Cloud Strain, standard for size of single flower being a silver dollar. About 75 percent may be expected to come white, the balance mostly shades of light blue .....	.10	227— <i>Gentiana Macrophylla</i> —Perfectly hardy in Wisconsin. While the blue flowers are beautiful, the rosette of large leaves is the most attractive feature .....	.35
182— <i>Delphinium Belladonna</i> (Everblooming Larkspur) — Sky blue .....	.20	228— <i>Gentiana Septemfida</i> — Flowers purple with brown spots .....	.35
183— <i>Delphinium "Bellamosum"</i> —Same habit as <i>Belladonna</i> , but dark blue .....	.20	230— <i>Gypsophila Paniculata</i> (Baby's Breath)—Delicate white flowers used with larger flowers in bouquets. Ounce 25c .....	.05
184— <i>Delphinium Formosum</i> —Deep blue flowers, white centers .....	.15	231— <i>Gypsophila Paniculata</i> (Double Baby's Breath)—From 25 to 40 percent may be expected to be double .....	.25
185— <i>Delphinium Flora Tooie</i> —New white.....	1.00	232— <i>Gypsophila Repens</i> —Low growing creeping plant with a profusion of white flowers in summer .....	.10
186— <i>Delphinium Wrexham</i> or <i>Hollyhock Strain</i> —Very large flowers, long spikes, heavy stalks .....	.50	233— <i>Helianthemum Mutabile</i> (Sun Rose)—Mixed colors .....	.15
187— <i>Delphinium Blackmore</i> and <i>Langdon Strain</i> —Blue hybrids of large size and fine form and coloring of flowers .....	.50	238— <i>Heuchera Sanguinea</i> (Coral Bells) .....	.10
188— <i>Delphinium Nudicaule</i> —Bright scarlet .....	.15	240— <i>Hollyhocks</i> —Double, mixed colors .....	.10
189— <i>Delphinium Sulphureum Zalil</i> — Sulphur yellow flowers .....	.15	241— <i>Hollyhocks</i> —Double pink .....	.10
190— <i>Dianthus Alpinus</i> —Rosy purple flowers, 3 inches .....	.25	242— <i>Hollyhocks</i> —Double red .....	.10
191— <i>Dianthus Arvenensis</i> —Very dwarf spreading mat of grey foliage. 2 inches .....	.25	243— <i>Hollyhocks</i> —Double yellow .....	.10
192— <i>Dianthus Barbatus</i> (Sweet William) — Auricula eyed, mixed .....	.10	244— <i>Hollyhocks</i> —Double white .....	.10
193— <i>Dianthus Barbatus Scarlet Beauty</i> .....	.10	245— <i>Hollyhocks</i> —Single mixed .....	.10
194— <i>Dianthus Barbatus</i> (Sweet William)—Pink .....	.10	246— <i>Iberis Sempervirens</i> (Candytuft)—White .....	.10
195— <i>Dianthus Barbatus</i> (Sweet William) — White .....	.10	247— <i>Isatis Glauca</i> —Yellow. 3 feet. Good for cut flower .....	.10
196— <i>Dianthus Caesius</i> (Cheddar Pink)—For the Rock Garden or Border .....	.15	256— <i>Lathyrus Latifolius</i> (Perennial Pea)—Mixed colors .....	.10
197— <i>Dianthus Deltoides</i> (Maiden Pink)—Dark green leaves, rose colored flowers for the Rockery .....	.10	257— <i>Lathyrus Latifolius</i> —White .....	.10
198— <i>Dianthus Latifolius Atrococcineus</i> —Red .....	.10	258— <i>Lathyrus Latifolius</i> —Pink .....	.10
199— <i>Dianthus Plumarius</i> (Hardy Garden Pink)—Mixed .....	.10	259— <i>Lavatera Thuringia</i> — Pink mallow-like flowers. 3-4 ft. July. A new hardy perennial discovered by Prof. Hansen in Siberia .....	.25
200— <i>Dianthus Superbus</i> .....	.10	260— <i>Liatris Pycnostachys</i> (Kansas Gay Feather) .....	.10
201— <i>Digitalis Gloxinæflora</i> (Foxglove) .....	.10	261— <i>Leontopodium Alpinum</i> (Edelweiss) .....	.25
202— <i>Digitalis Gloxinæflora</i> —White, rose or purple, separate .....	.10	262— <i>Lilium Regale</i> (Regal Lily) .....	.15
205— <i>Digitalis Gloxinæflora</i> (The Shirley)—very tall .....	.10	263— <i>Linaria Alpina</i> —Choice rock plant .....	.25
206— <i>Digitalis Lutea Grandiflora</i> —Yellow .....	.10	264— <i>Linum Perenne</i> (Flax)—White .....	.10
209— <i>Dodecatheon Meadia</i> (Shooting Star)—This is our native variety. Selected from picked plants .....	.15	265— <i>Linum Perenne</i> (Hardy Blue Flax) .....	.10
210— <i>Edrianthus Dalmaticus</i> —Also known as <i>Wahlenbergia</i> . A low-growing Alpine, resembling the <i>Campanula</i> , star-shaped lavender flowers .....	.25	266— <i>Lobelia Cardinalis</i> —Bright cardinal red... .....	.10
211— <i>Eryngium Amethystinum</i> (Sea Holly)....	.10	267— <i>Lobelia Siphilitica</i> —Deep blue <i>Lobelias</i> .....	.10
212— <i>Epilobium Angustifolium</i> (Willow Herb or Fireweed)—Native .....	.10	268— <i>Lunaria Biennis</i> —Honesty .....	.10
220— <i>Gaillardia Grandiflora</i> —Beautiful combinations of crimson, gold copper, red .....	.10	269— <i>Lupinus Polyphyllus</i> —Choice mixed .....	.10
225— <i>Geum Atrosanguineum</i> Fl. Pl.—Dark red .....	.10	270— <i>Lupinus Polyphyllus</i> —Downer's Hybrids, mixed .....	.15
		271— <i>Lupinus Polyphyllus</i> — White, pink, or blue separate .....	.10
		272— <i>Lupinus Sunshine</i> —Yellow .....	.25
		273— <i>Lychnis Arkwrightii</i> —New .....	.10
		274— <i>Lychnis Chalcedonica</i> (Jerusalem Cross) .....	.10
		276— <i>Meconopsis Baileyi</i> (Himalayan Poppy) This is said to be a lovely blue poppy-like flower. At this writing, I have several hundred tiny seedlings, which I hope to grow to maturity. I shall give them partial shade and a fairly fertile soil of sand and leaf mold. ....	.50
		277— <i>Mertensia Virginica</i> —Our native Mertensia. Blue. Not difficult from seed .....	.10
		278— <i>Nepeta Mussini</i> .....	.15
		279— <i>Papaver Nudicaule</i> (Baker's Sunbeam) new shades, mixed .....	.10
		285— <i>Papaver Orientale</i> (Oriental Poppy)—Scarlet .....	.10
		286— <i>Pardanthus Chinensis</i> (Blackberry Lily) .....	.10
		287— <i>Pentstemon Barbatus Torreyi</i> .....	.10
		288— <i>Pentstemon Grandiflora</i> (Shell Leaf Pentstemon) — Beautiful lavender-blue 2 feet .....	.15
		290— <i>Physalis Franchetti</i> (Chinese Lantern Plant) .....	.10

No.		Packet
292	—Physostegia Virginica (False Dragon Head)	.10
293	—Platycodon Grandiflorum (Balloon Flower)—Blue and white mixed	.10
294	—Polemonium Reptans (Jacob's Ladder)	.10
295	—Potentilla Formosa—1-2 feet high. Strawberry-like leaves and purple flowers	.25
296	—Potentilla Nepalensis "Roxana"—New	.25
297	—Primula Auricula—Mixed colors	.20
298	—Primula Polyanthus—Mixed colors	.20
300	—Pyrethrum Hybridum (Persian Daisy)—Mixed colors, white, pink to crimson	.10
301	—Pyrethrum Hybridum fl. pl.—Only small percentage of the seedlings double, balance are very fine single flowers, many do not show their full tendency to come double till two years old or more. This is a very fine strain of seed	.25
302	—Pyrethrum Atrosanguineum—Shades of red	.10
310	—Rudbeckia Purpurea (Purple Cone Flower)	.10
311	—Rudbeckia Triloba—Biennial, yellow. Fine for naturalizing	.10
315	—Salvia Azurea Grandiflora—Hardy Blue Salvia	.10
317	—Saponaria Ocyoides (Rock Soapwort) Pink	.10
320	—Scabiosa Caucasia Perfecta (Blue Bonnet)—Lavender	.25
321	—Sedum, many varieties, mixed	.10
322	—Saxifraga Bathoniensis — A vigorous growing variety of the mossy Saxifrages. Pink or red flowers	.50
323	—Sempervivum Atropurpureum—A selected variety of tectorum, with very large rosettes of dark purple color	.25
324	—Sempervivum Compt de Congal—A hybrid variety	.25
325	—Sempervivum Comollii — Red flowers. Bailey lists this as synonymous with S. glaucum	.25
326	—Sempervivum Mettenianum—Flat rosettes of gray-green leaves marbled with grass green. Flowers rose colored	.25
327	—Sempervivum Purpurea Acutifolia—Probably another variation of Tectorum	.25
328	—Sempervivum Segueri—An interesting hybrid variety	.25
329	—Sempervivum Verlotti—Pale green leaves faintly tinged at tips with red brown. Flowers rose red	.25
331	—Sempervivum Mixed—A mixture of the above and other varieties of Sempervivum	.25
332	—Silene Schafra—Rosy purple. For rock gardens	.15
333	—Sphaeralcea Remote — A native plant known only as growing wild on a gravelly island in the Kankakee River in Illinois. Rose pink mallow-like flowers in summer. Plants 3-5 ft. Maple shaped leaves. Soak seed in warm water for 24 hours before sowing	.50
334	—Statice Dumosa—An improved form of S. Incana. Flowers tinted pink, larger and more plentiful	.25
335	—Statice Incana	.10
336	—Statice Latifolia (Great Sea Lavender)	.15
337	—Stachys Lanata (Lamb's Ear)—Wooly leaves, lavender flowers	.10
340	—Tunica Saxifraga (Coat Flower)	.10
350	—Veronica Incana—Silvery foliage, blue flowers	.10
352	—Veronica Spicata	.10
353	—Veronica Teucrium—Gentian blue	.15

## PERENNIAL SEED COLLECTION

## \$1.80 WORTH OF SEEDS FOR \$1; POSTPAID.

For those who want to try their fortune at growing a Perennial Garden from seed, I have selected a collection of a dozen varieties that are not hard to grow at the very small price of **ONE DOLLAR** for **12 PACKAGES** of selected seed. No change may be made in this collection at the price quoted. The collection contains one package each of Anchusa Dropmore Variety; Aquilegia long spurred hybrids; Campanula medium; Centaurea macrocephala; Coreopsis lanceolata grandiflora; Delphinium Garry-nee-Dule Blue Hybrids; Dianthus barbatus; Gaillardia grandiflora; Hollyhocks, double mixed; Lupinus polyphyllus, choice mixed; Papaver nudicaule, Baker's Sunbeam; Pyrethrum hybridum fl. pl. VALUE \$1.80 FOR \$1, POSTPAID TO YOUR DOOR.

# Toole's Pansy Seeds

500—**Garry-nee-Dule Mixture**—This is a mixture of many colors of Pansies, containing all the following varieties as well as many other choice colors. Prices of **Garry-nee-Dule Strain Pansy** seeds are: 300 seeds 50c;  $\frac{1}{4}$  ounce, or about 3000 seeds for \$2.50.

502—**Roggli or Swiss Giant Pansies**—Mixed colors. A strain of very large flowered pansies, in rich, dark colors. We find this strain produces a few very large flowers, but less profuse than smaller-flowered kinds. 50c packet.

503—**Swiss Giant Thuner See**—Of the same giant type as the mixed strain, but of a deep ultramarine blue color. 50c packet.

504—**Giant Masterpiece**—Large flowers with waved or fluted petals, giving the appearance of a double flower. A variety of rich shades and colors. 25c packet.

505—**Giant Orchid Flowered**—Large flowers in the more delicate art or pastel shades. 50c packet.

520—**Giant Brown**—Peculiar and beautiful shades of tan and brown not approached in color by any other variety of flowers. Packet of 200 seeds 25c.

535—**Giant Cardinal**—Rich cardinal red flower is very distinct and striking. Plant is not a strong grower. 20c packet.

545—**Giant Golden King**—Golden yellow flowers, some clear yellow, some with dark spot on three lower petals. 10c packet.

605—**Viola Lutea**—Sweet scented, yellow flowers. 10c packet.

610—**Viola Papilio**—Reminds one of our native Bird's Foot Violet. 10c packet.

615—**Viola Red Shades**—Various shades of rose and red. 10c packet.

620—**Viola White Perfection**—A pure white. 10c packet.

625—**Viola Mixed**—10c packet.

555—**Giant Madam Perret**—Wine shades on a ground of yellow and bronze. 10c packet.

560—**Giant Mauve**—Delicate mauve, lower three petals marked with large blotch of carmine. 10c packet.

565—**Giant Mercury**—Very large self-colored blackish purple. 10c packet.

600—**Viola Admiration**—Small dark blue flowers. Profuse bloomers. 10c packet.

601—**Viola Blue Perfection**—Dark blue flowers. 10c packet.

602—**Viola Bosniaca** — Profuse bloomer, deep mauve flowers. 15c packet.

# Evergreens

For several years we have been increasing our stock of evergreens of varieties suited to landscape planting and rock gardens. We now feel that our stock is large enough to include them in our catalog. You will find these to be carefully grown stock that we feel sure will please you. B. & B. signifies roots dug with ball of earth and sewed in burlap. Sizes on prostrate varieties indicate diameter, not height.

**JAPANESE JUNIPER** (*Juniperus Japonica*) — Spreading growth, not exceeding 10 or 12 inches in height. Attractive because of its informal style of growth. Foliage grayish blue. Does well in sun or shade. Good for the rock garden. 12-18 inches, B. & B. Each \$3.00.

**SAVIN JUNIPER** (*Juniperus Sabina*) — Dark green foliage, reaching 2 or 3 feet in height or sometimes larger. Does well in a smoky atmosphere. Can be easily trimmed and kept small.

B. & B. 18-24 inches, each \$3.50  
B. & B. 24-30 inches, each 5.00

**ANDORRA JUNIPER** (*Juniperus communis depressa plumosa*) — A spreading variety the branches lifting to 18 inches from the ground. During spring and summer it is bright green, changing with the first frosts to a rich purple bronze color. For rock garden or landscape effect. 10-12 inch, B. & B. \$3.00.

**BAR HARBOR JUNIPER** (*Juniperus sabina horizontalis*) — A very low growing Juniper of a most lovely greenish blue color. Very effective in the rock garden. 10-12 inches, B. & B. \$3.50.

**PFITZER JUNIPER** (*Juniperus pfitzeriana*) — A low growing spreading dwarf tree that may be held at any height by trimming. Grayish green in color. Will grow in shade. For back of rock garden or landscape planting.

18-24 inch, B. & B., each \$4.00  
2-2 1/2 feet, B. & B., each \$7.50

**MEYER JUNIPER** (*Juniperus squamata meyeri*) — A new Juniper from China. An interesting upright growing dwarf Juniper with foliage of a general appearance of blue green, but of changeable shades of green and pinkish red if viewed from different angles. Irregular in type of growth. Very effective in the rock garden. 10-12 inches, B. & B. \$5.00.

**SARGENT JUNIPER** (*Juniperus sargentii*) — A close growing creeping variety. The new growth is bright green changing to a bluish cast. Likes full sun. Fine for the rock garden. 10-12 inches, B. & B. Each \$3.00.

**HORIZONTAL JUNIPER** (*Juniperus horizontalis*) — A low growing clear green Juniper, somewhat open in growth. For the rock garden.

12-18 inches, B. & B., each \$3.50  
18-24 inches, B. & B., each \$5.00

**CHINESE JUNIPER** (*Juniperus Chinensis*) — These trees vary in shape and type of growth but in general, when mature reach a height of 15 to 20 feet by 3 feet in diameter. The foliage is mostly of a somewhat blue green color. 2 1/2-3 feet, B. & B. \$6.00.

**RED CEDAR** (*Juniperus virginiana*) — The native red cedar as it grows around Baraboo is of a rather broad pyramidal shape. Green through the summer but turns a brownish red tone in winter. Birds dearly love the blue berries which the mature trees bear profusely at times. Nursery grown trees —

2-2 1/2 feet, B. & B., each \$3.00  
3-4 feet, B. & B., each \$6.00  
4-6 feet, B. & B., each \$9.00  
6-8 feet, B. & B., each \$15.00



White Spruce

**MUGHO PINE** (*Pinus Mugho*) — Dense round many branched evergreen shrub with long dark green needles.

6-8 inches, B. & B., each \$1.00  
12-18 inches, B. & B., each \$3.50  
18-24 inches, B. & B., each \$6.00

**JAPANESE TABLE PINE** (*Pinus tanyosho*) — A low-growing variety with a flat table-like top, and long soft needles. 12 inches, B. & B. Each \$5.00.

**WHITE FIR** (*Abies Concolor*) — Makes a beautiful large tree in time with silvery green foliage, much like Blue Spruce. 1 1/2-2 feet, B. & B. Each \$5.00.

**WHITE SPRUCE** (*Picea canadensis*) — A very fine large evergreen for northern climates. Hardy, free growing and does well under a wide variety of conditions. Long lived.

2-2 1/2 feet, B. & B., each \$3.00  
2 1/2-3 1/2 feet, B. & B., each \$5.00

**BLACK HILLS SPRUCE** (*Picea canadensis albertiana*) — A very hardy symmetrical compact growing tree. Color varies from dark green to blue. 1-1 1/2 feet, B. & B., each \$2.50  
2-3 feet, B. & B., each \$5.00  
3-4 feet, B. & B., each \$7.50

**NORWAY SPRUCE** (*Picea excelsa*) — The Norway Spruce is a rapid growing evergreen of a deep green color. Desirable for hedges or wind-breaks. 1 1/2-2 ft. B. & B. Each \$2.00; 2-3 ft., B. & B., each \$3.00.

**COLORADO BLUE SPRUCE** (*Picea pungens glauca*) — The popular and well known Blue Spruce. Selected blue specimens. 2 1/2-3 ft., B. & B. Each \$20.00.

*Never an Evergreen Bargain like this!*

## EVERGREEN COLLECTIONS

Everyone wants evergreen Trees. Their popularity has increased a hundred fold in recent years. Use them for rockeries, foundations or lawn planting, a whole collection for the usual price of one nursery specimen. These are all twice transplanted, sturdy trees (not seedlings) average age, 5 years. Three collections listed below, delivered parcel post. Safe arrival guaranteed. Delivery March 15th to May 1st.

### LAWN COLLECTIONS—\$5.50

5—White Spruce	.....	8-10 inches
5—American Arborvitae	.....	10-12 inches
5—Douglas Fir	.....	8-10 inches
5—Mugho Pine	.....	6-8 inches



### ROCK GARDEN COLLECTION FOR \$4.25

1—Pfitzer Juniper	.....	8-10 inches
1—Savin Juniper	.....	8-10 inches
1—Mugho Pine	.....	6-8 inches
1—Woodwards Arborvitae	.....	10-12 inches
1—Douglas Fir	.....	10-12 inches
2—Pyramidal Arborvitae	.....	12-18 inches
1—White Spruce	.....	10-12 inches
1—American Arborvitae	.....	10-12 inches

### FOUNDATION COLLECTION FOR \$7.25

2—Pfitzer Juniper	.....	10-12 inches
2 Mugho Pine	.....	10-12 inches
2—Pyramidal Arborvitae	.....	12-18 inches

**DOUGLAS FIR** (*Pseudotsuga douglasii*) — This is the silvery type from Colorado. Makes a beautiful tree as it gets older but is somewhat ungainly when young. 2-2 1/2 ft., B. & B. Each \$3.00; 2 1/2-3 ft., B. & B., each \$6.00.

**DWARF JAPANESE YEW** (*Taxus cuspidata manana*)—A long lived dwarf Yew, very picturesque in the rock garden with its close bunched dark green foliage. Does well in medium shade. 10-12 inches. B. & B. Each \$4.50.

**AMERICAN ARBOR VITAE** (*Thuya occidentalis*)—Stands trimming very well, and is much used for hedges. 12-18 inches, muddled roots. Each 50c; \$35 per 100. 2-3 feet, B. & B., each \$2; 3-4 feet, B. & B., each \$4.

**GLOBE ARBOR VITAE** (*Thuya occidentalis globosa*)—A tiny bushy compact evergreen shrub that keeps a globular shape with but little trimming. 12x12 inch, B. & B., each \$2.50; 15x15 inches, B. & B., each \$3.50; 18x18 inches, B. & B., each \$4.50.

**PYRAMIDAL ARBOR VITAE** (*Thuya occidentalis pyramidalis*)—A dense compact growth in an upright pyramidal form. Much used where a spire-like or formal effect is desired in planting. 2-2 1/2 ft., each \$4.50; 2 1/2-3 ft., B. & B., each \$6.

"I will sing of the bounty of the big trees,  
They are the green tents of the Almighty,  
He hath set them up for comfort and for shelter.

—Henry Van Dyke.

## Shrubs, Vines

Local landscape work has made it necessary that we grow many kinds of shrubs, and our stock is now large enough that we can offer these in our catalog.

### BERBERIS

**THUNBERGII** (Japanese Barberry)—For foundation planting or low hedges. 12-18 inches. Each 30c; \$3 per dozen; \$15 per 100. 18-24 inches, each 40c; \$4 per dozen; \$25 per 100.

### CORNUS

**PANICULATA** (Gray Dogwood)—White flowers in spring and white berries in early fall. A good shrub for mass planting. 2-3 ft. Each 50c; \$5 per dozen.

**SIBERIA** (Red Twig Dogwood) — The bright red bark is very attractive in late winter and early spring. 2-3 ft. Each 50c; \$5 per dozen.

### HYDRANGEA

**ARBORESCENS STERILIS** (Hills of Snow)—Large heads of white flowers in July. Does well in moderate shade. 2-3 ft. Each 75c; \$7.50 per dozen.

**PANICULATA GRANDIFLORA** (Common Hydrangea)—Large conical heads of cream white flowers in late summer and fall changing to rose and bronze with age. 2-3 ft. Each 75c; \$7.50 per dozen.

**KOLKWITZIA**

**AMABILIS** (Beautybush)—A specimen of this new Chinese shrub was planted at the corner of his house by my father nearly fifteen years ago and it never fails to load itself with its pink bell-shaped flowers veined with orange. 18-24 inches. Each \$2; 6 for \$10.

**LIGUSTRUM**

**AMURENSE** (Amur Privet)—Much used for hedges in the north. 18-24 inches. Each 20c; \$2 per doz.; 100 for \$15; 2-2 1/2 ft., each 25c; \$2.50 per dozen; \$18 per 100.

**LODENSE** (Dwarf Privet)—For rock gardens or other places where a boxlike shrub is needed. 12-15 inches. Each 40c; \$4 per dozen.

**REGELIANUM** (Regel Privet) — A low-growing, spreading Privet for rock garden or landscape planting. 18-24 inch spread. Each 50c; \$5 per dozen.

**LONICERA**

**TATARICA** (Pink Tartarian Honeysuckle)—A tall shrub with a profusion of pink flowers late in May, followed by red fruit that the birds greatly enjoy. 2-3 ft. Each 50c; \$5 per dozen.

**ALBERTI**—Very hardy. A specimen has been growing at one corner of our house for 40 years. Narrow, blue green foliage and infrequent lilac-colored flowers. Good in the rock garden and for low landscape work. 12-18 inches. Each 75c; \$7.50 per dozen.

**PHILADELPHUS (Mock Orange)**

**LEMOINEI**—A dwarf Syringa with small fragrant white flowers. 2-3 ft. 60c each; \$6 per dozen.

**VIRGINALE**—Large semi-double white flowers. Starts flowering when quite young. 2-3 ft. 75c each; \$7.50 per dozen.

**PHYSOCARPUS**

**OPULIFOLIUS** (Ninebark) — A native shrub reaching a height of eight feet. Panicles of creamy white flowers in spring followed by ornamental red tinted seed vessels. 2-3 ft. 50c each; \$5 per dozen.

**PRUNUS**

**TRILOBA** (Double Flowered Plum)—A small tree, covered in May with double delicate pink flowers. 2-3 ft. 75c each; \$7.50 per dozen.

**RHUS**

**GLABRA** (Smooth Sumac)—Our most common native Sumac, reaching a height of 8 or 10 ft. Showy conical, crimson fruit heads and leaves color wonderfully in the fall. 2-3 ft. 50c each; \$5 per dozen.

**TYPHINA** (Staghorn Sumac) — Another native shrub much planted where a striking effect is desired. Will reach a height of 15 or more feet. 2-3 ft. Each 50c; \$5 per dozen.

**SPIRAEA**

**THUNBERGI**—Fine fern-like foliage and double white flowers early in spring. 2-3 ft. Each 50c; \$5 per dozen.

**VAN HOUTTEI**—Long graceful branches covered in late May with panicles of white flowers. 2-3 ft. Each 50c; \$5 per dozen.

**ANTHONY WATERER**—A dwarf growing variety with large flat corymbs of rose-colored flowers from July on. 18-24 inches. Each 60c; \$6 per dozen.

**SYMPHORICARPUS**

**RACEMOSUS** (Snowberry)—The gracefully drooping branches thickly hung with waxy white berries in late fall are an attractive sight. 2-3 ft. Each 50c; \$5 per dozen.

**VULGARIS** (Indian Currant)—Slender branches thickly set with dull red berries in fall. Good for mass planting. 2-3 ft. 50c each; \$5 per dozen.

**VIBURNUM**

**AMERICANUM** (Highbush Cranberry) — Grows to a height of 12 feet. Creamy white flowers in June and bunches of red, cranberry-like fruit in fall. Native. 2-3 ft. 75c each; 3 for \$2.

**DENTATUM** (Arrowwood)—The roughly dented and furrowed leaves are ornamental all summer and especially so in spring and fall when the coloring is rich. 2-3 ft. 60c each; \$6 per dozen.

**LENTAGO** (Nannyberry)—Grows to a height of 10 to 12 feet. Tall slim growing with shiny green leaves, white flowers in May followed in late summer with black fruit. 2-3 ft. 60c each; \$6 per dozen.

**OPULUS NANUM** (Dwarf Cranberry Bush)—This very dwarf variety reaches a height of not to exceed 2 feet and is especially valuable in the rock garden. Scarce. 8-10 inches. Each \$1; 3 for \$2.50.

**OPULUS STERILIS**—This is the old-fashioned Snowball. Round white flower clusters in June. 2-3 ft. Each 60c; \$6 per dozen.

**RUBUS**

**ODORATUS** (Purple Flowered Raspberry, or Thimbleberry)—Reddish purple flowers followed by thin, seedy raspberry-like fruits. Makes fairly good jam. Good for shaded places. 2-3 feet. Each 50c; \$5 per dozen.

**WEIGELIA**

**ROSEA**—Deep pink tubular flowers. 2-3 feet. Each 60c; \$6 per dozen.

**VINES**

**AMPELOPSIS ENGELMANNI**—Five leaved ivy Virginia Creeper that clings to walls or buildings. 2-year. Each 50c; \$5 per dozen.

**BIGNONIA RADICANS** (Trumpet Flower)—A vigorous twining vine with large orange trumpet-shaped flowers. 2 year. 50c each; \$5 per dozen.

**CELASTRUS SCANDENS** (Bittersweet)—Glossy foliage and clusters of orange crimson fruit. Good for covering old fences or walls. 2 year. 50c each; \$5 per dozen.

**CLEMATIS JACKMANI** — Large velvety violet purple flowers. Strong potted plants. Each \$1.50.

**CLEMATIS PANICULATA**—Small sweet-scented creamy white flowers in early September. 2 years. 50c each; \$5 per dozen.

**EUONYMUS RADICANS** — An evergreen vine with small dark green foliage and pinkish red fruits. For covering of banks or planting in the rock garden. Each 75c; 3 for \$2.

**SHRUBS**, by F. F. Rockwell. Here is brief but complete and usable information on the best ways to improve the beauty and value of your home with shrubs. Tells what to select for different combinations and effects, and how to plant, water, mulch, prune, and care for shrubs. 49 illustrations, 76 pages. \$1.15 postpaid.

# Rose Bushes

These are strong field grown 2 year old bushes, that should give you a nice lot of flowers the first year.

This is a selected list of good roses suitable for various purposes. All strong 2 year No. 1 bushes, \$1 each; \$10 per dozen.

## CLIMBING ROSES

**DR. W. VAN FLEET**—Large flowers of exquisite pale pink on fine, long stems. Extremely vigorous with marvelously fine foliage. One of the most popular climbers.

**PAUL'S SCARLET CLIMBER**—The most popular red-flowered climber of the day. Flowers large, well shaped, vivid scarlet, fading but little. Sometimes flowers again in the fall.

## BABY ROSES

**BABY RAMBLER**—Fine heads of small crimson flowers.

**CECILE BRUNNER**—The small perfectly formed, pink and gold buds and flowers are like tiny tea roses. Very popular.

**CLOTHILDE SOUPERT**—Large globular flowers of rosy white tinted with pink in the center.

## TEA ROSES

**GRUSS AN TEPLITZ**—Because of its free blooming qualities, one of the most popular and valuable roses for planting in beds and borders. Erect bushy plants covered throughout the season with an abundance of small dark red roses in clusters.

**LOS ANGELES** — Beautifully shaped fragrant flowers of pale salmon pink, richly shaded with deep rose and gold. Extremely popular because of its beauty and fragrance.

**MME. CAROLINE TESTOUT**—A very popular and beautiful tea rose. Free flowering and of easy culture.

**SOUVENIR DE CLAUDIUS PERNET** — The best clear yellow tea rose.

## HYBRID PERPETUAL ROSES

**AMERICAN BEAUTY** — A very popular old variety with large purplish crimson flowers.

**CLIO**—Clusters of immense round fragrant flowers on stout thorny bushes.

**FRAU KARL DRUSCHKI** — Immense globular white flowers. Very popular.

**J. B. CLARK**—Bright red flowers on strong growing bushes.

**MAGNA CHARTA**—An old favorite with large pink flowers on strong bushes.

**MRS. JOHN LAING**—Exquisite cup-shaped soft pink fragrant flowers for a long season. Erect healthy plant. One of the finest varieties.

## FOR THE FLOWER GROWER

**HOME FLOWER GROWING**, by E. C. Volz. A real garden encyclopedia! It will teach you how to propagate and cultivate your plants, how to care for, fertilize, and maintain them. It tells how and when and where to grow flowers; what kinds look like; how to plan indoor, outdoor, rock, and water gardens; how to prepare exhibits for a flower show; how to organize a garden club. 151 illustrations, 364 pages. \$3.65 postpaid.

# THE HOME GARDEN

Feed your flowers! They are living things, and will grow better and faster when given proper food.

**VIGORO** is the complete, scientifically balanced plant food that furnishes all the different elements required by flowers. Two million users have proved the success of this Swift & Company product on flowers, lawns, gardens, shrubs and trees.

**VIGORO** is inexpensive, too. Simple directions in every bag.

**VIGORO**  
*Specially prepared plant food*

PRICES F. O. B. BARABOO, WIS.

100 lb. Bag \$5.00; 50 lb. Bag \$3.00; 25 lb. Bag \$1.75; 5 lb. 50c.

## PEAT MOSS

For plants needing an acid soil, mix one half Peat Moss and one half good garden soil which will provide a material in which most acid-loving plants will do well! For plants requiring but mild acidity, a lesser amount of Moss may be used.

The large bales contain 18 to 20 bushels of Peat Moss tightly compressed for shipment. Freight shipment recommended. For those who only want a small amount for a few wild plants or ferns we have put up good sized bags at \$1.50 each; full sized bales at \$5. We have also found the Peat Moss useful as a mulch among wild plants and ferns, and among perennials.

## LEAF MOLD

We can supply Leaf Mold from mixed hardwood trees for use in preparing suitable soil for rock garden plants, ferns and wild flowers at \$1.00 per bag or one bushel of Leaf Mold.

## SOIL TESTING OUTFIT

To succeed with many of our native plants, a certain degree of soil acidity is often necessary. It is not easy to tell just how suitable ones soil is without some method of testing, so the La Motte Chemical Co., has devised a simple outfit for this work which I have found very useful, both in testing the soil I had prepared for some wild plant, or finding out the relative acidity of the soil in which different wild plants grow. The outfit is called the Teskit, and consists of the testing outfit, which anyone can use, and a book giving soil preferences of a great many plants, all in a convenient can. The Teskit complete, postpaid, for \$2.15.

## THE ROCK GARDEN PRIMER

**THE ROCK GARDEN PRIMER**, by Thornton, is a well written book on Rock Gardening, illustrated both in colors and black and white. \$2.15 postpaid.

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Catalog of **W. A. TOOLE** of Garry-nee-Dule  
**BARABOO, WISCONSIN**